MAKE YOUR YZ125 FAST·FASTER·FASTEST!

PS34485

MOTOCROSS ACTION

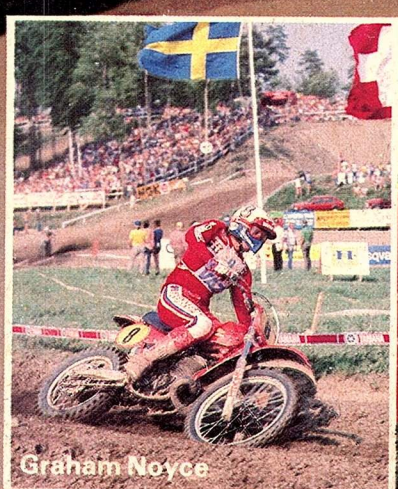
SEPTEMBER 1981 • $1.50 UK75

SPECIAL GRAND PRIX BONUS: Spain, Sweden & Finland

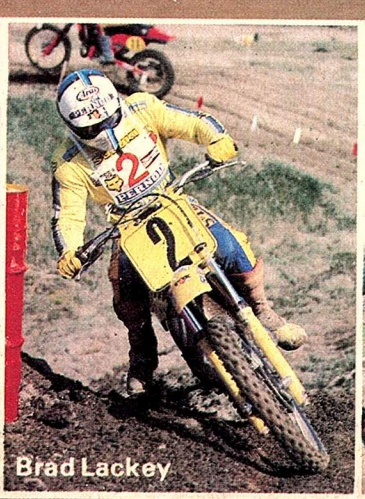
MINI MADNESS: World Mini GP

SUZUKI RM465X: getting better & better

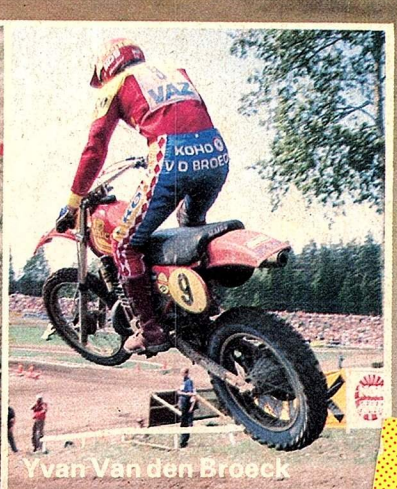
Hakan Carlqvist
Team Yamaha



Graham Noyce



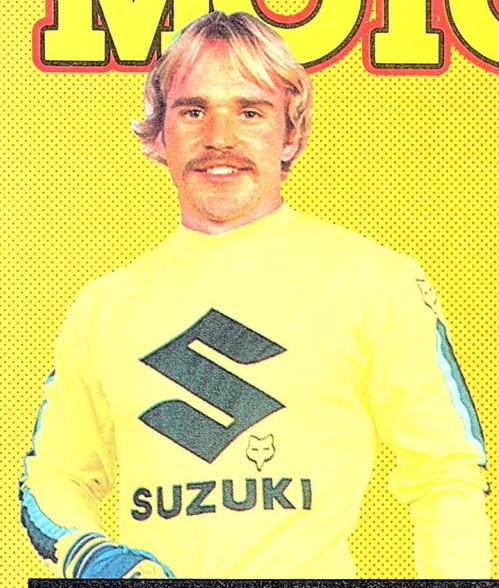
Brad Lackey



Yvan Van den Broeck

USPS986-340

MOTO-X FOX



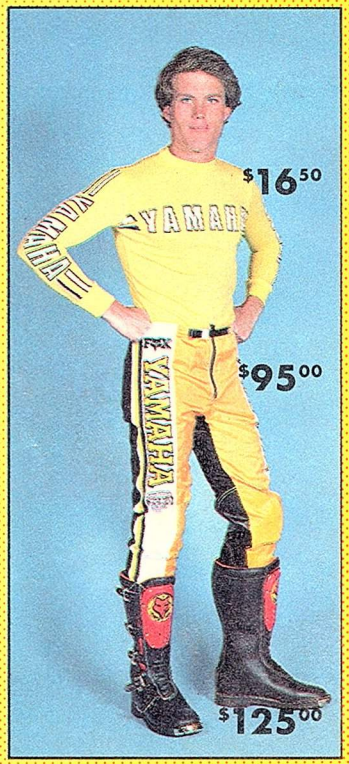
Nothing can help you look, feel and perform more like a winner than the color-coordinated SuperFox team uniforms and accessories from Moto-X Fox. The choice of Team Suzuki's Mark "Bomber" Barnett, America's winningest motocross star, SuperFox riding gear provides the comfort and style you want, the protection you need, all at a price you can afford!

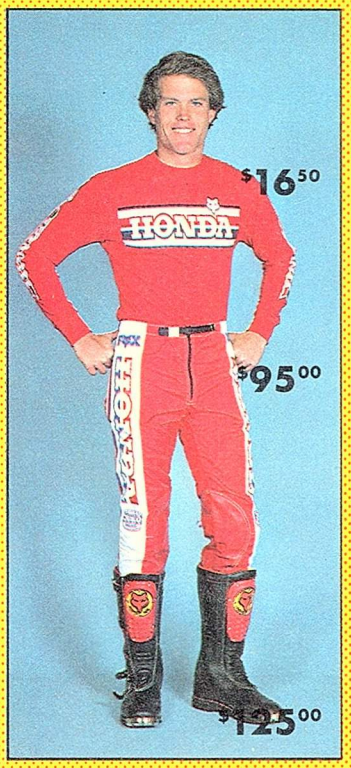
RACEPAWS New! Padded leather palms, full foam padded backs, stretch sides for comfort and ventilation, and snug knitted cuffs. Blu/yel, blk/yel, red/yel/blk, red/wht/blu and grn/wht/blu in sizes S(8), M(9), L(10) and XLG(11). **$27.88**

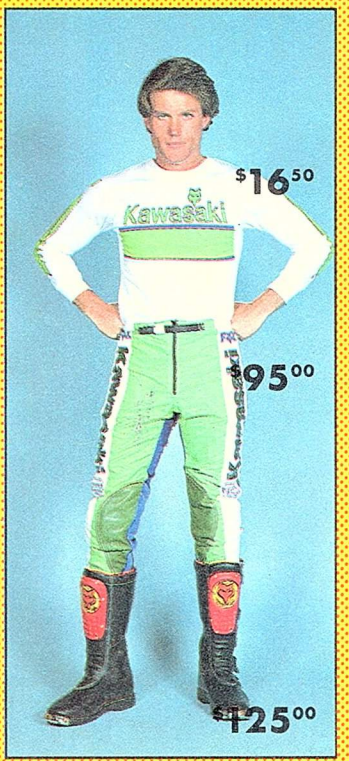
GRAND PRIX GLOVES Padded leather palms, breathable nylon backs with full coverage padding and elastic cuffs. Blu/yel, blk/yel, red/yel, red/wht/blu, grn/wht/blu, and blu/wht in sizes S(8), M(9), L(10), and XLG(11). **$29.95**

SUPERFOX GLOVES Padded leather palms, breathable nylon backs with partial back padding and snug knitted cuffs. Blu/yel, blk/yel, red/yel, red/wht/blu, grn/wht/blu, and blu/wht in sizes S(8), M(9), L(10) and XLG(11). **$24.99**

MOTO-X FOX CROSSBAR PADS New! Silk-screened in team colors. Red/yel, blu/yel, yel/wht/blu, red/wht/blu and grn/wht/blu. **$5.95.**
FOX PRO HANDLEBARS Cadmium plated 4130 chromoly steel in low and high rise with moderate, medium or maximum back sweep. **$24.09.**
FOX MINI PRO BARS Low or high rise. **$21.20**







SUPERFOX PANTS A quality product from YOKO of Finland. Stylish but rugged with nylon and leather construction, hip pads, knee/shin guards and lightweight nylon lining. In factory team styles for Yam, Hon, Suz, Kaw, Hus, Mai and KTM or Team Moto-X Fox styles in red/yel/org, blu/grn/wht, blk/yel/wht, blu/yel, red/wht/blu and blk/ red/yel. Sizes 26-38. **$95.00**

SUPERFOX JERSEYS Lightweight and comfortable. Quality silk-screened graphics in factory team styles for Yam, Hon, Suz, Kaw, Hus, Mai and KTM or Team Moto-X Fox styles in yel/blk, yel/org, org/yel, wht/grn and red/wht/blu. Sizes S, M, LG, XLG. **$16.50** Custom printing on back at $1/letter, $2/number, and $1/sponsorship patch (YOKO, Dunlop, Scott, Fox Factory, etc.).

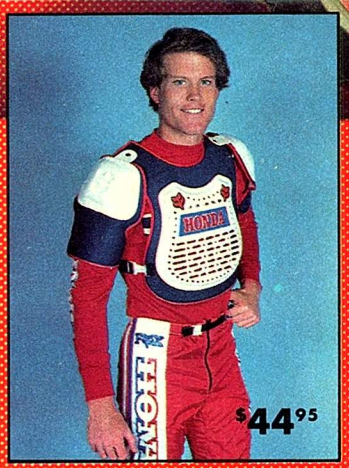
1981 MOTO-X FOX CATALOG 64 action packed color pages loaded with all the latest tricks to make you look, feel and perform like a winner! **$5.00** Refundable with first order. Fox stickie included.

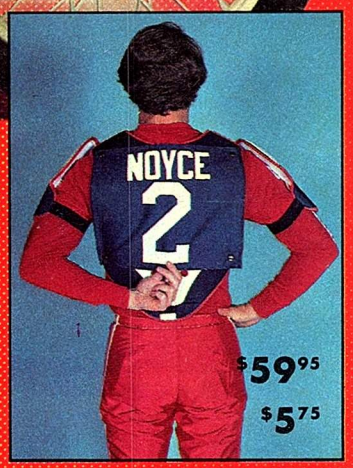
Order Toll Free!
(800) 538-6854
California, Alaska and Hawaii phone (408) 371-1221

FOX FACTORY TWIN-CLICKER The only single shock with separately adjustable rebound and compression, hard anodized aluminum body and fade-free damping. For Yamaha, Honda and Kawasaki. **$335.00.**

SUPERFOX BOOTS Motocross or enduro sole, sizes 6-13. The best for less. **$125.00**

SUPERFOX CHEST PROTECTORS Two models of ventilated protection, both with full shoulder cups and pads. In red/yel, red/wht/blu, blu/yel, blk/yel and blu/wht with your choice of bike brand or Team Moto-X Fox logo on front. **SUPERFOX MODEL** (no back guard) **$44.95. GRAND PRIX** (integral back guard) **$59.95.** Optional back number bib for Grand Prix **$5.75** (add $1/letter, $2/number for printing). A quality product from YOKO of Finland.





SUPERFOX PIT SHIRTS Cool short-sleeved shirts of your favorite motorcycle brand: Yamaha, Honda, Suzuki, Kawasaki, Husqvarna, Maico, KTM and Team Moto-X Fox. Sizes S, M, L, XLG. **$7.45** Three-quarter sleeve Team Fox Jersey in orange/grey. **$9.88.** Pit Shirts can be numbered and lettered like jerseys.

QUAN.	ITEM	SIZE	COLOR	AMOUNT

Custom lettering _____
Calif. Sales Tax _____
Total _____

CUSTOM LETTERING
Name _____ Number _____

Name _____
Address _____
City/State _____ Zip _____
Total Amt. Enclosed _____ ☐ MASTER CHARGE ☐ VISA
Exp. Date _____ Card No. _____

To avoid delay in shipping send Money Order or use VISA or MASTER CHARGE. Orders less than $25.00 require a $2.00 handling charge. Credit card and COD orders sent freight collect. No COD's on custom lettering. For rush orders phone toll free (800) 538-6854, or in California, Alaska and Hawaii call (408) 371-1221. Telex: 171124. DEALERS: Send for free catalog on letterhead.

MOTO-X FOX
520 McGLINCY LANE, CAMPBELL, CA 95008

Send $3.00 for Canadian catalog to:

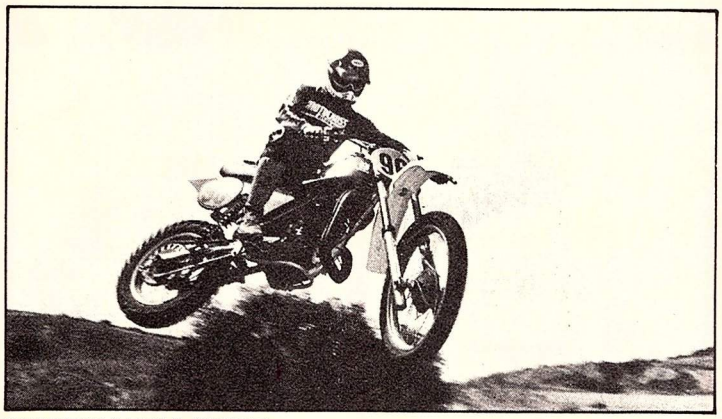
R&M Motocross Specialties
1441 Kingway Drive
Vancouver BC V5N-2R6
Phone: (604) 873-4554

Aurora Cycle Suply
70 Fairway Drive
Aurora ONT L4G-2HI
Phone: (416) 727-6044

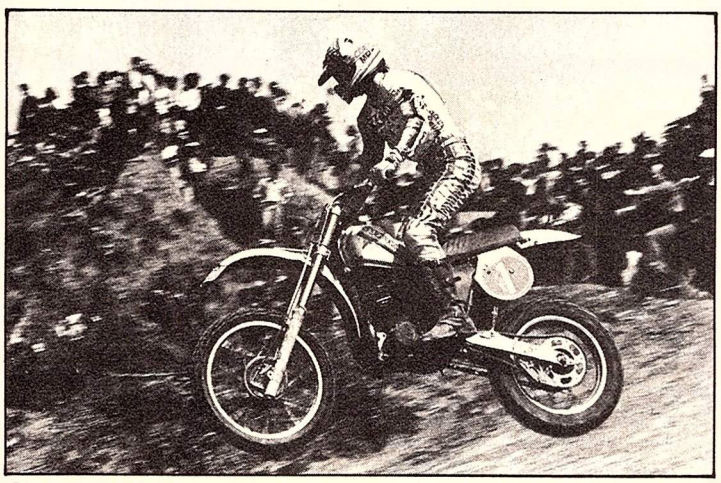
SEPTEMBER 1981
VOLUME 9, NO. 9

MOTOCROSS ACTION MAGAZINE

SUZUKI RM 465X



HUSQVARNA 430CR



GRAND PRIX

BIKES

42 **HUSQVARNA 430CR**
This is no Swedish meatball
46 **SUZUKI RM465X**
Another yellow 465
53 **SHOOTOUT: HOOSK VERSUS ZOOK**
Blue and yellow are their colors

FEATURES

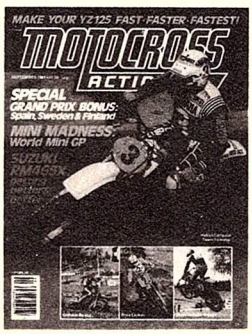
20 **YZ125H HOP-UP**
DG goodies for the Yammie
41 **PRODUCT EVALUATION**
Lancer boot savers

SPORT

32 **SWEDEN AND FINLAND: 500 GRANDS PRIX**
Traveling the Northern circle
54 **250 GRAND PRIX OF SPAIN**
Jobe wins in the Southern climes
58 **WORLD-MINI GRAND PRIX**
Who is Troy Blake and where is his factory ride?

REGULAR STUFF

7 **MAINJET**
8 **JODY'S BOX**
10 **DIRT**
14 **MAIL ENTRIES**
17 **DIALING IT IN**
18 **TRICKS OF THE TRADE**
74 **BERMSHOT**



COVER: Hakan Carlqvist cruises through a Swedish berm, while Graham Noyce, Brad Lackey and Ivan Van den Broeck take more European soil samples. Photos by Dick Miller.

MOTOCROSS ACTION Magazine (USPS 986-340)(Sep. '81) is published monthly by Daisy/Hi-Torque Publishing Co., Inc., with editorial offices at 16200 Ventura Blvd., Encino, California 91436. Subscriptions $12.98 for 12 issues (one year). Canadian orders add $4.00 per year additional for postage. All other foreign add $5.00 per year. Copyright © 1981 by Daisy/Hi-Torque Publishing Co., Inc. All rights reserved. Nothing in this magazine may be reprinted in whole or part without the express permission of the publisher. Manuscripts, photographs and illustrations should be accompanied by a stamped, self-addressed envelope. The publisher does not assume responsibility for unsolicited material. Second class postage paid at Van Nuys, California 91408, and at additional mailing offices. MOTOCROSS ACTION Magazine, P.O. Box 317, Encino, California 91316.

WORLD CLASS

01-150 PRO-GP NYLON/LEATHER PANTS —
Designed and perfected by Roger De Coster for the pro riding style. Hallman Pro-GP pants are light, tough and feature all leather knee pads. Five nylon panels and elastic stretch insure that comfortable custom fit. Available in popular team color combinations (even waist sizes 28" through 36") and plain legs (28" through 42"). $99.95

01-350 PRO-GP NYLON GLOVES
Perfect fit, absolute comfort with leather work area and nylon plus padding in non-critical areas. This one is right on. Black and yellow, blue and yellow, and red and yellow - sizes 8, 9, 10, and 11. $29.95

01-370 SCOTT NYLON GLOVES
Scott quality. Available in yellow/white or blue/white. $24.95

01-220 HALLMAN BOOTS
Featuring the ultimate in shin protection, tough Vibram sole and quick release buckles to simplify slipping on or removal. Color coordinated in red, white and blue trim. Order 1 size smaller than normal boot size. Sizes 4, 5, 6, 6½, 7, 8, 8½, 9, 9½, 10, 11, 12, 13. $119.95

01-328 ROGER DE COSTER RACING GLOVES —
Designed and perfected by Roger De Coster, crafted in attractive white goatskin, with red and blue leather padding. Sizes 6, 7, 8, 9, 10, and 11. $16.95

01-420 INTER-AM JERSEYS —
Brightly colored cotton and rayon made to Hallman's specifications. Stretchy, tough and available in all team colors. Sizes S, M, L, and XL. $15.95

Dealer Inquiries Invited

HALLMAN USA

EAST
440 Belden Avenue • Addison, IL 60101
WEST
1300 Hill Street • El Cajon, CA 92020

Please rush the following:

Quant.	*Item*	*Size*	*Color*	*Amount* $

Calif. and Ill. residents add tax. Total $
Enclosed is check for $_____ or credit card.
☐ MC ☐ VISA Card No._____ Exp. Date_____
C.O.D.'s shipped UPS collect.
Name _____
Address _____
City _____ State_____ Zip_____

DB

zeronine®

DELUXE OUTLINE NUMBERS

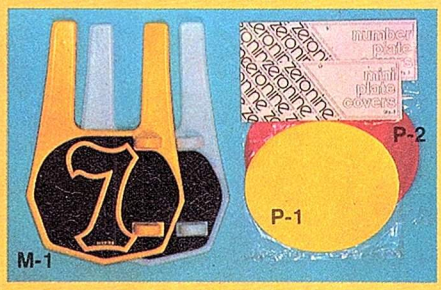
6″ high numbers are packaged 3 of the same number in a bag—$1.80. 3″ high numbers are packaged 2 of the same number in a bag—.70. Specify colors as shown.

COMPETITION NUMBERS

For expert and pro racing. Approved by A.M.A. 6″ high numbers are packaged 3 of the same number in a bag—$1.00. 3″ high numbers are packaged 2 of the same number in a bag—.60. Specify colors as shown.

MINI 80 CABLE SAVER PLATES

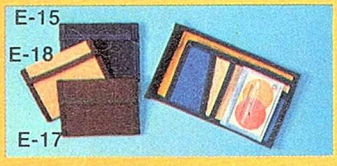
PLAIN PLATE COVERS



Double Cable Saver for Mini 80. Specify color and part number. $7.95 White or yellow only.

Plain Plate Covers, bag of 3, all the same, $2.95. Bag of 12, all the same, $8.95.. wh, bk, rd, ye, gr

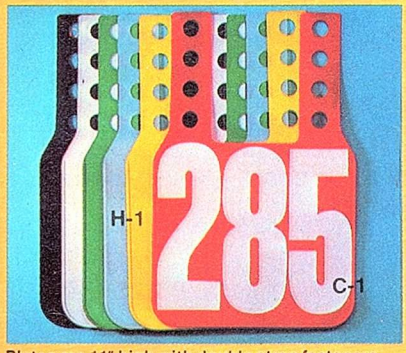
WALLETS



Nylon wallet. Card and picture holder. Velcro seal. Specify part number. $6.95 each.

E-15 Navy E-17 Brown E-18 Tan

STADIUM PLATES AND NUMBERS



Plates are 11″ high with double strap fasteners. Colors: Black, White, Green, Frost, Yellow, Red. Specify part number and color. $7.95 each. Installation may require plate spacers. 4 in a bag. $5.00 Stock number Q-1.

10″ Competition Numbers fit 3 per plate. Available in White, Black, or Red. Specify part number, color, and numbers needed—.75 each.

Dealer inquiries welcome.

CABLE SAVER PLATES

DELUXE OUTLINE COVERS

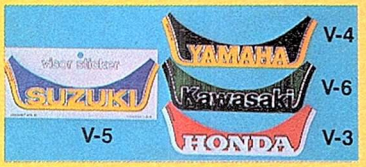
Double Cable Saver number plates. $7.95 each. Specify color, part number. White or yellow only.

Deluxe Outline Plate Covers are 10½″ x 8½″ oval. Bag of 3, all the same, $3.95. Bag of 12, all the same, $9.95.

WIDE DESIGN NUMBERS

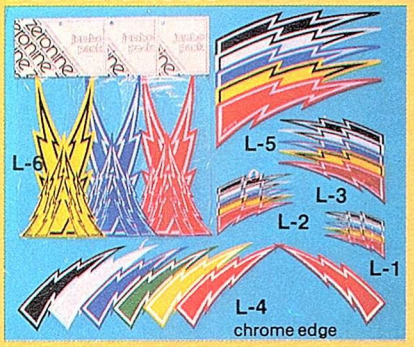
Specify part number, inside color, border color, and numbers needed. Packaged 3 of the same number in a bag—$1.80. 6″ high.

VISOR STICKER



Trickiest sticker around. Specify part number. $1.25 each.

LIGHTNING BOLTS



L-1, .65 per pair. L-2, .75 per pair. L-3, .95 per pair. L-4, $1.50 per pair. L-5, $1.95 per pair. L-6, Jumbo pack, 4 pair, $3.25. Specify part number and color.

SUPERFAST DELIVERY

PHONE 1-312-885-8911

Phone orders shipped the same day by master charge VISA or C.O.D.

Personal checks allow 10 days to clear. Send money orders or currency for immediate delivery.

1981 Catalog $1.00. Receive free pair of Lightning Bolts, ZERONINE Sticker and Emblem.

Qty.	Part no.	Color	Description and numbers needed	Price each	Amount
				Sub total	
				6% Tax	
				Postage	1.50
				Total enclosed	

Name _____

Address _____

City/State/Zip _____

master charge VISA proper card number exp. date

M

Return to: ZERONINE 1690 Kingsdale Road/Hoffman Estates, IL 60195

MOTOCROSS ACTION

DICK MILLER
Editor

JODY WEISEL
Managing Editor

DENNIS COX
Associate Editor

AL BAKER
DAVID GERIG
GEORGE QUAY
Technical Editors

CLARK JONES
LANCE MOOREWOOD
GARY JONES
Test Consultants

DESIGN AND PRODUCTION

DENNIS WEST
Art Director

ROLAND A. GUEVARA
Assistant Art Director

DEBBIE BRITTON
Production Artist

CINDI G. MOORE
Production Editor

ALICE NICHOLS
Typography

DAISY/HI-TORQUE PUBLISHING CO., INC.

WILLIAM R. GOLDEN
President and Publisher

ROLAND HINZ
Executive Vice President

NANCY PAYNE
Customer Relations

ADVERTISING OFFICES

SCOTT WALLENBERG
National Advertising Manager

DON McGEE
Account Executive

BRUCE BENENATI
Showcase Sales

HELEN KLUTE
Advertising Coordinator

16200 Ventura Blvd.
Encino, CA 91436
(213) 981-2317

ABC

On The Mainjet

By Dick Miller

☐How does this sound? American motocross champions Mark Barnett, Broc Glover, Bob Hannah and Kent Howerton all on one team doing battle with the likes of a team from Belgium consisting of Andre Malherbe, Georges Jobe, Andre Vromans and Ivan Van den Broeck. Could we beat them or an equivalent team from England captained by Graham Noyce? We'll never get to find out unless we raise the money to send the American team I proposed (or the equivalent) to the Motocross and Trophee des Nations—the Olympics of motocross.

We have been unrepresented for the last two years in these prestigious events because the AMA has always asked the rider's factory to foot the cost of the rider's participation. This is not the way it should be. The Motocross and Trophee des Nations are a team effort for each country involved. It is not a partisan event relating to the brands of motorcycles or anything else. If we send a team, it is to be a team of the best riders that we have to offer to ride as Americans and compete against the best riders the rest of the motocross world has to offer.

After it was announced last year that our team wasn't going to Europe, Gary Mathers, Kawasaki's team manager, was quoted as saying, "I feel that if the riders are supposed to represent the AMA in America, they (the AMA) should round up the sponsors as well as pay the transportation costs. It's a whole lot of money for a factory to send somebody over there, and it's almost for nothing. It doesn't really sell any bikes."

Gary is right! This is an American effort, not a Kawasaki or any other factory effort.

To show that Kawasaki is putting their money where their mouth is, they sent this letter to me from their public relations manager, Rom Lovil.

"This letter confirms our conversation regarding Kawasaki's participation in the Trophee and Motocross des Nations. We wish to join the other Big Four manufacturers in committing to support a U.S. team for these international events in 1981, an amount equal to one fourth of the funds raised from public donations up to a maximum of $5,000. We support the idea of sending a U.S. team to compete internationally and we believe in the concept of a fund-raising campaign of public support matched by manufacturer's contributions."

I have received similar commitments from Honda, Suzuki and Yamaha. In other words, we need to raise $20,000 to get $20,000 more. I thought this would be a piece of cake since we've received over 40,000 ballots and entries for our ROY award and motorcycle drawing. I thought if just half of you who had entered our contest sent in one dollar, or the price of a gallon of gas, to the AMA in support of this project, we would have more than enough.

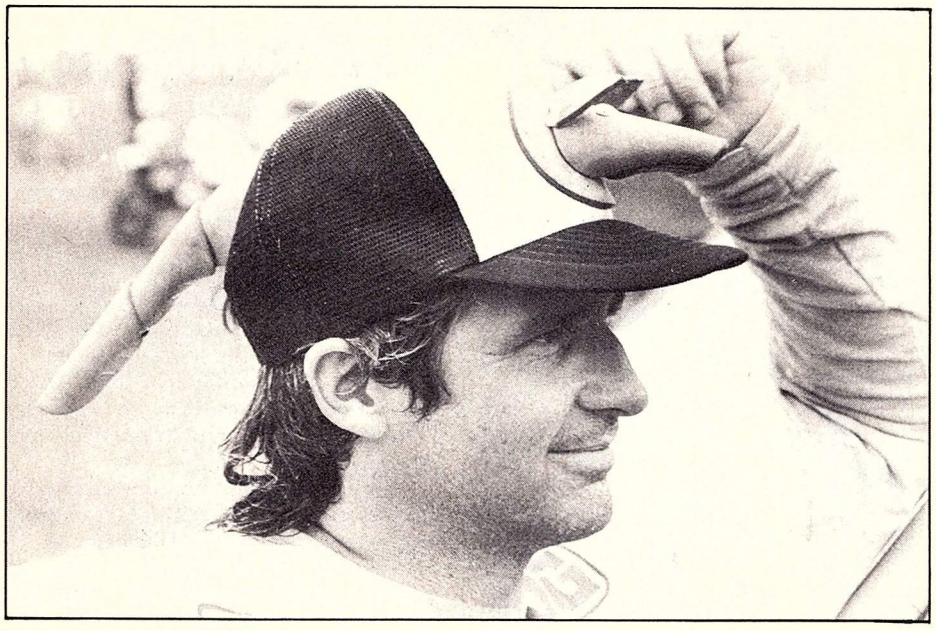
My last editorial sure didn't motivate you, though, because at this writing (June 23, 1981) the AMA had received only $3,000. We need $40,000 *total* to send the team!

Larry Maiers of Hi-Point Racing has had this tee shirt made specially to help our cause; all profits will go to the team fund. The cost is $8; the shirt is of excellent quality. Any extra monies you might want to include with it will be forwarded to the AMA by Hi-Point. Also, for those of you who want to become involved in something special, there will be available a color photo of the American team in a mounted frame and autographed to you personally by each of the riders. There will be only 100 photos available and the cost is $50.

Obviously you can't receive this until the team is picked and the photo is taken so that the riders can sign it. You will need to reserve the photo now by sending in your money. I should tell you that, should there

[*continued on page 67*]

Jody's Box



By Jody Weisel

☐ "Hey, Jody, what is the hot line through that new section over by the port-a-cans?" asked my friend, Jimmy Mac. Lines are my specialty at Chicken Licks, and some of my more daring moves have been within the limits of the rulebook and track fencing. All my friends come and ask my opinion of each part of the track. It isn't that they appreciate my thoughts because I'm the fastest guy; I'm not. They know that I'm chicken, and that's what makes me so smart.

Simply put, I don't have a vast reservoir of skill, speed or daring to fall back on. I'm a journeyman racer with small portions of the above-mentioned attributes, but a healthy dose of respect for bumps, jumps and clumps of evil-looking terrain.

Take the time that Ben . . . he's the guy who drives the bulldozer at Chicken Licks . . . put in three sets of triple jumps up Doggie Death Hill (so named because that is where the racing Floyd Brothers pit with their four Doberman pinschers). It didn't take me long to figure out that I didn't want to jump three sets of triples, which added up to nine individual jumps to me, so I scouted the boundaries of the track and found a bank with a 45-degree angle on the right side of the track. If I got up enough speed, centrifugal force would stick me to this bank and I could miss all nine jumps.

It was fast. I passed 34 guys the first time I tried it. The next lap, I slid off before the eighth jump and crashed brutally into it. I was run over by 29 guys. It would have been *34* guys, but five of them saw my hot line and took it on that lap.

The next lap everybody but Jimmy Mac was running up on the bank. Lines, to Jimmy Mac, were the stripes running down his fender. He rarely looked any further ahead than that. That day I lost the race but passed J-Mac at the triples every lap.

People get reputations pretty fast, and it wasn't long before practice looked like a conga line behind me. Everybody kept following me, looking to steal my lines. I'd pull over to let them by, and they'd pull over thinking it was some super-fast line. When I finally gave up and went into the pits, half the guys followed me to see what path I would use to get past the crowd at the concession stand!

There is a dying art that I am trying to revive. I *walk* the track. Not before practice but immediately after it. I take note of all the fence posts, tight angles and smooth lines. Once at the Tex-AMA series, I found a track fence that stopped five feet short of a giant oak tree. All the racers were busy making a big berm all the way around this tree. When my moto started, I raced up the straight and nipped in between the fence and tree, and passed four guys who were about 20 feet up in the berm. It was such a hot line that I did twice as good as I should have; and, everybody that I beat (and didn't expect to), did what I expected them to—they protested my line.

In the second moto I came flying down the straight, grabbed the binders and cut in between the fence and tree, only to find that the flagmen had tied a ribbon around the tree. The ribbon broke, luckily, and I was off and running again.

On the second lap there were two ribbons and a flagman in the way. My front fender caught him in the groin, but I saved it, passed two guys and kept going. On the third lap I broke the ribbons again and the flagmen scattered when I clutched it at them. I had the race well in hand. I was saving about five seconds a lap at the tree turn, and only losing about four seconds on the rest of the track. Every lap, the flagmen tried to block my perfectly *legal*, but unorthodox line. I foiled them every time.

On the last lap, with a decent lead, I blasted down the straight, cut through the trick line and ran head-on into four ice chests piled up on lawn chairs. As I lay on the track picking bologna sandwiches and Pearl beer off my chest, eight guys passed me. The flagmen waved their yellow flags to warn approaching riders of the crash, as though they didn't know who caused it.

"Come on, Jody, tell me what the hot line is through that new section," asked Jimmy Mac.

I had to feel sorry for him because he was forever picking the wrong line and crashing into the bottomless mud hole, or clicking his handlebar off of the only solid fence post on the track. But, on the other hand, he was my toughest competition. Should I help him, and in the process, perhaps, give him the advantage he needed to beat me, or should I tell him *no*! I didn't do either. I decided to tell him the worst possible line, thus insuring victory for me and not appearing rude at the same time. After all, it s a gentlemanly sport.

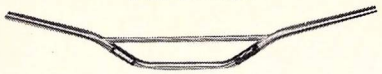
"Well, Jimmy Mac, that is a tough section. See that nasty-looking lip on the dropoff? I go directly over that. Yes, it does kick the rear end four feet off the ground, but that is good because then the rear wheel misses that pothole at the bottom. I stay to the left, over by those deep ruts, and climb up that muddy bank. That's the one . . . the one with the white cross nailed up next to it. Then I cut across to the right side of the track. See that set of whoops? I make my turn off the top of the fourth one and cut through those boulders on the right. Hey, no sweat! Any time I can help out, just ask me. Who is your next of kin, anyway? Just kidding!"

I rubbed my hands in glee, and got my bike ready for the first moto. I personally was going to the right to avoid the kicker, pothole, whoops, ruts and boulders, and then I was cutting across to the left. If Jimmy Mac was stupid enough to follow my advice, there would be a second white cross at the bank before the weekend was over.

At the start, Jimmy Mac was directly in front of me. We came to the new section wide open in fifth gear. I cut to the right and that nurd Jimmy Mac broke left for the dropoff. I smiled deep inside of me, but on the outside I had a moment's tinge of guilt

[*continued on page 66*]

HANDLE BARS



SUZUKI WORKS...Made by Answer Products and used by MARK BARNETT, 4130 chromoly, available in gold, yellow, red and blue.

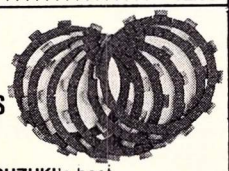
RM 80 to RM 465	$ 23.95

DUAL STAGE REEDS BOYESEN

The best single item you can install to increase performance, quicker throttle response.

RM 80 c, n, t, x	$11.95
RM 100-125-250 a, b, c, n, t	12.95
RM 100 x	12.95
RM 370 a, b	12.95
RM 400 c. n. t	12.95
RM 125 x	14.95
RM 250-465 x (eight petal)	35.95
PE 175-250-400 n, t	12.95

CLUTCH PLATES



(cork) Rebuild with **SUZUKI**'s best.

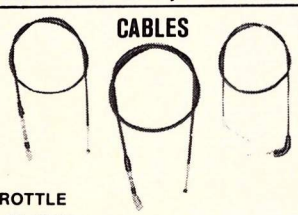
RM 80-100-125 all yrs	4.75 ea.
RM 250-370-400-465 all yrs	5.25 ea.

GASKET SETS

Complete set of gaskets to rebuild your cycle.

RM 80 all yrs	$ 6.95
RM 100 all yrs	8.95
RM 125 m, a, b, c, n, t	9.25
RM 125 x	12.99
RM 250-370-400-465 all yrs	13.50

CABLES



THROTTLE

RM 80 all yrs	$6.25
RM 100-125 m, a, b, c, n, t	6.80
RM 125 x	10.25
RM 250-370-400-465 all yrs	7.95

CLUTCH

RM 80 all yrs	$4.99
RM 100-125 all yrs	6.80
RM 250-370-400-465 all yrs	7.40

FRONT BRAKE

RM 80 all yrs	$5.35
RM 100 all yrs	5.99
RM 125-250-370-400-465 all yrs	6.25

SPROCKETS

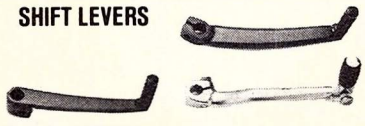
COUNTER SHAFT. Made from top grade steel, case hardened over 60 Rockwell.

RM 80 all yrs	8.95
RM 100-125-250 all yrs	9.95
RM 370-400-465 all yrs	10.95

REAR. Hardened alloy, light weight, wears twice as long as any others.

RM 80 all yrs	27.95
RM 100-125-250-370 all yrs	31.75
RM 400-465 all yrs	32.95

SHIFT LEVERS



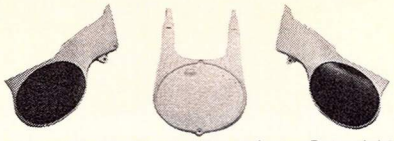
Genuine **SUZUKI** replacement levers.

RM 80 b, c, n, t, x	9.95
RM 100-125-250 all yrs	10.99
RM 370-400-465 all yrs	11.99

FOLDING SHIFT LEVERS

Fits: c, t, n, x	$19.95

NUMBER PLATES SIDE PANELS



Original, designed to fit each model and year. Bolts right on.

FRONT

All models–all years	$ 9.99

SIDE PANELS

RM 80-100-125 m, a, b, c, n, t	12.99 ea.
RM 125 x	17.99 ea.
RM 250-370-400 a, b, c, n, t	13.99 ea.
RM 250-465 x	17.99 ea.

Suzuki. PARTS WAREHOUSE

SUZUKI

From Midwest Action Cycle's gigantic inventory of genuine SUZUKI factory parts. "We've got them all" in stock ready to ship to you. No minimum purchases. We offer the lowest prices and the fastest service.

ORDER DIRECT & SAVE!!

CLYMER SERVICE MANUAL

RM SERIES 1975 to 1980. 194 pages of photos, drawings, charts, information on how to service, repair and maintain your RM. . . . **$9.95**

RM PARTS MANUAL

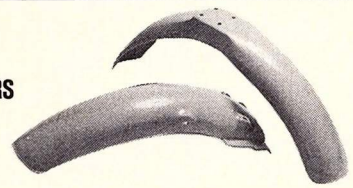
Every RM owner should have one of these valuable parts manuals. Enlarged pictures of each system, describes each part and part number. Same as Suzuki dealers use. **$7.95**

OFF ROAD SOUND KIT

QUIET!!! getting hassled because of noise? Install one of these kits and your neighbors will love you. Approved U.S. Forest Service Spark Arrester.

RM 60 all yrs	$21.95
RM 80 all yrs	32.65
RM 100-125 all yrs	36.95
RM 250-370-400-465 all yrs	41.25

FENDERS



Original stock-made to fit perfectly for each year and model, no drilling holes...bolts on.

	front	rear
RM 80 all yrs	$24.25	$17.95
RM 100-125-250-370-400-465 all yrs	25.95	29.95

JAM AIR SCOOP

Cool-It with MAC'S JAM AIR SCOOP.

- Designed to direct air flow onto the cylinder head.
- Improves cooling by increasing the amount of air flowing over the head by 500%.
- Maintains the maximum horsepower output available thru the entire moto.
- Available for all air cooled RM'S in team colors.
- Simple to bolt on, great for hanging your stickers. **$24.95**

CRANK MAIN BEARING AND SEAL KIT.

Consists of 2 crank main bearings, two crank seals and "O" ring when indicated.

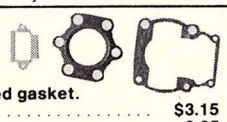
RM 80 c, n	$17.50
RM 80 t, x	21.15
RM 100 c, n, t, x	28.75
RM 125 c, n, t, x	29.25
RM 250 c, n, t, x	25.95
RM 370-400-465 all yrs	28.50

CRANK REBUILD KITS

Consists of genuine factory rod. Lower rod bearing, crank pin and two thrust washers.

RM 80 b, c, n, t, x	$34.40
RM 100 b, c	35.50
RM 100 a, n, t, x	31.30
RM 125 a	35.50
RM 125 m, b, c, n, t	31.30
RM 125 x	35.95
RM 250-370-400-465 all yrs	54.95

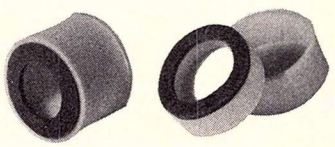
TOP END GASKET KIT



Head, base and reed gasket.

RM 80 b, c, n, t, x	$3.15
RM 100 a, b, c, n, t, x	3.25
RM 125 m, a, b, c, n, t	3.25
RM 125 x	6.95
RM 250 a, b, c, n, t	3.95
RM 370 a, b	4.35
RM 400 c, n, t	3.95

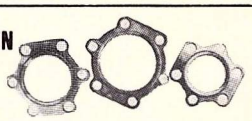
MAC PHASE III AIR FILTERS



That's right PHASE III dual foam air filters are constructed of a PATENTED 3-D skeletal structure of strands which provide 97% of void & a very high degree of permeability. IN OTHER WORDS ...THE BEST...

RM 80 all yrs	$ 9.95
RM 100 all yrs	10.95
RM 125 m, a, b, c, n, t	10.95
RM 125 x two filters r & l	9.95
RM 250 a, b, c, n, t	10.95
RM 250 x two filters r & l	9.95
RM 370-400 all yrs	10.95
RM 465 x two filters r & l	9.95

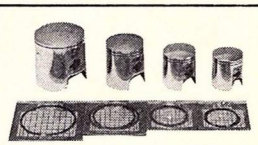
HI-COMPRESSION HEAD GASKET



Factory gasket. 0.5mm thinner than stock.

RM 100 n, t, x	$2.95
RM 125 n, t,	2.95
RM 250-400-465 n, t, x	3.95

PISTONS RINGS



Genuine factory replacement pistons.

RM 80 B,C,N,T,X	$15,25
RM 100 A,B,C,N,T,X	17.50
RM 125 M,A,B,C,N,T,X	21.25
RM 250 A,B,C,N,T,X	24.25
RM 370 A,B	28.95
RM 400 C,N,T	29.95
RM 465 X	30.95

Std. & oversize. Please indicate.

Genuine factory replacement rings.

RM 80 B,C,N,T,X	$10.25
RM 100-125 M,A,B,C,N,T,X	12.25
RM 250 A, B, C	14.80
RM 250 N, T, X	7.45
RM 370 A,B	18.95
RM 400 C,N,T	9.95
RM 465 X	10.95

Std. & oversize. Please indicate.

TO ORDER CALL 312/438-6300 WE SHIP UPS & COD
VISA OR MASTER CHARGE ACCEPTED

MIDWEST ACTION CYCLE RT. 12 BOX 163, LAKE ZURICH, IL 60047

Dirt

Kent Howerton, 1981 250 National Champion.

□ □ □

BOB WINS THREE, KENT WINS FIVE

Kent Howerton clinched his second 250 National Championship by winning five of the eight events in the AMA 250 National Championship series. Bob Hannah finished a distant second, but won the last two rounds in Florida and Colorado.

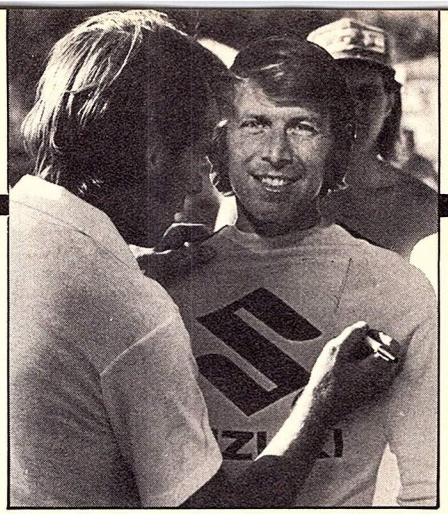
Honda's Donnie Hansen was third and privateer Kris Bigelow took an admirable fourth place.

□ □ □

FINAL 250 NATIONAL STANDINGS

1. Kent Howerton	Suz
2. Bob Hannah	Yam
3. Donnie Hansen	Hon
4. Kris Bigelow	Yam
5. Warren Reid	Kaw
6. Ron Turner	Suz
7. David Bailey	Kaw
8. Steve Martin	Suz
9. Gary Semics	Suz
10. Rick Burgett	Yam
11. Dave Hollis	Yam
12. JoJo Keller	Suz
13. Andy Stacy	KTM
14. Jeff Hicks	Yam
15. Carlos Serrano	Mai

□ □ □



Roger DeCoster signs Roger DeCoster's shirt.

WORLD MX POWER

Who is the most powerful nation in the World Championship Motocross? Obviously the Belgians must be considered the tops with the World Champions in all three classes, but did you know that of all the point earners in 1980 (126), 22 percent of them were Americans. The USA had more point earners in every class than any other country. Twelve Americans scored points in the 125 class (second place had seven), 6 americans scored in the 250 class (Sweden had 5) and 10 Americans earned GP points in the 500 class (Belgium had 6). Top Americans by class were Johnny O'Mara (125), Kent Howerton (250) and Brad Lackey (500).

□ □ □

OAKLEY TWO'S ARE NOW OBTAINABLE IN UNOBTAINIUM.™

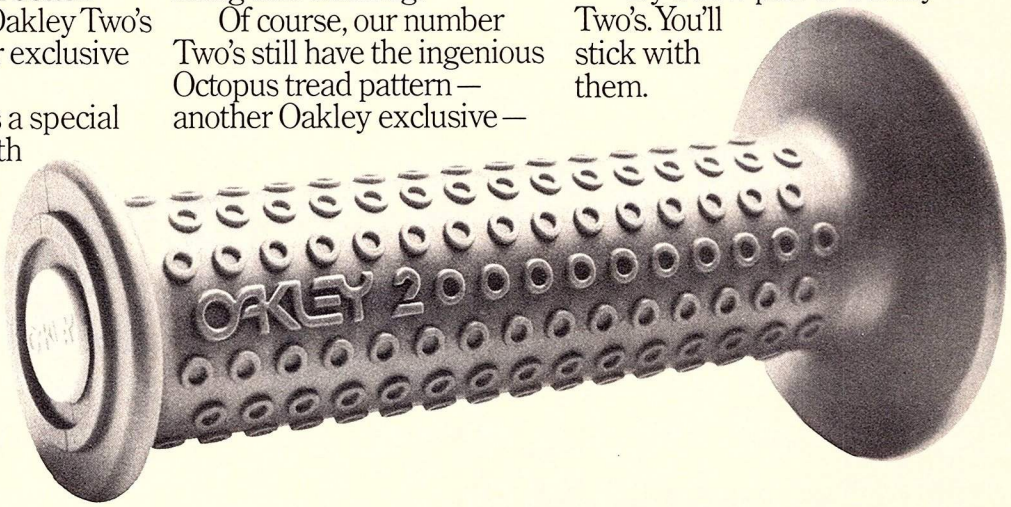
The most popular professional motocross grips ever made are now even better.

From now on, Oakley Two's will be made of our exclusive Unobtainium 47.

Unobtainium is a special blend of rubber with amazing adhesive qualities. The grip seems to grab you, making your hand part of the handlebars. And Unobtainium is impervious to ultraviolet hardening and cracking.

Of course, our number Two's still have the ingenious Octopus tread pattern—another Oakley exclusive—for maximum traction. Pulling back, forward or laterally.

Try a new pair of Oakley Two's. You'll stick with them.



OAKLEY

Almost an unfair advantage.

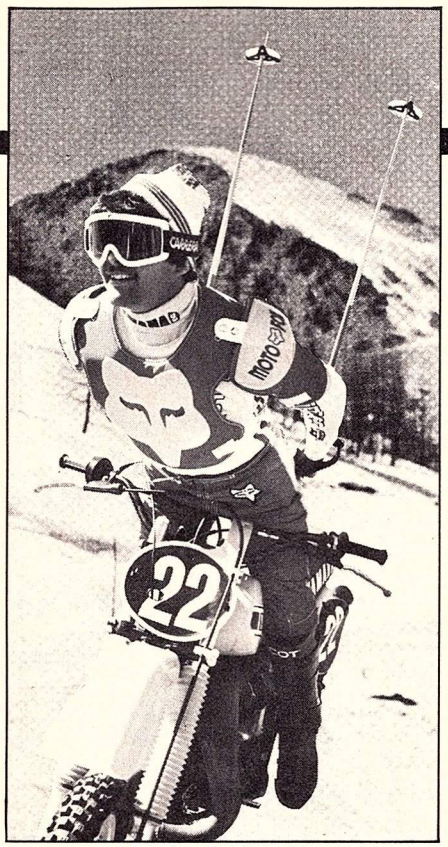
NATIONAL AMATEUR CHAMPIONSHIPS

The National Amateur Motocross Championships will be held October 4-5 at the track of the Hi-Winders Motorcycle Club, in Millville, Minnesota. The winner of each class will receive a new Suzuki motorcycle, and Kawasaki will offer two free bikes and support for the 1982 season to the winner of any class, regardless of the brand of bike he wins the title on. In addition, if a Kawasaki rider should win the 100, 125, 250 or 500 title, he will be given a $500 bond; his parents will also receive $500.

□ □ □

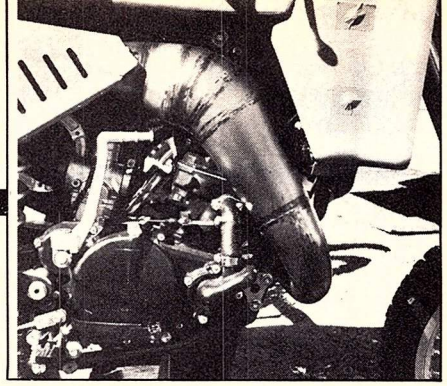
Ross Pederson has come down from Canada to race the American Nationals and is the fastest Canadian ever.

□ □ □



Ever wonder what to do with all your moto gear in the off-season? Lance the Trance Moorewood has it dialed.

□ □ □



It is rumored that some of the works Kawasaki pipes were made by the Maico mechanics at Wheelsmith Motorcycles in Fountain Valley, California. Could this be true?

□ □ □

MORE AND MORE RUMORS

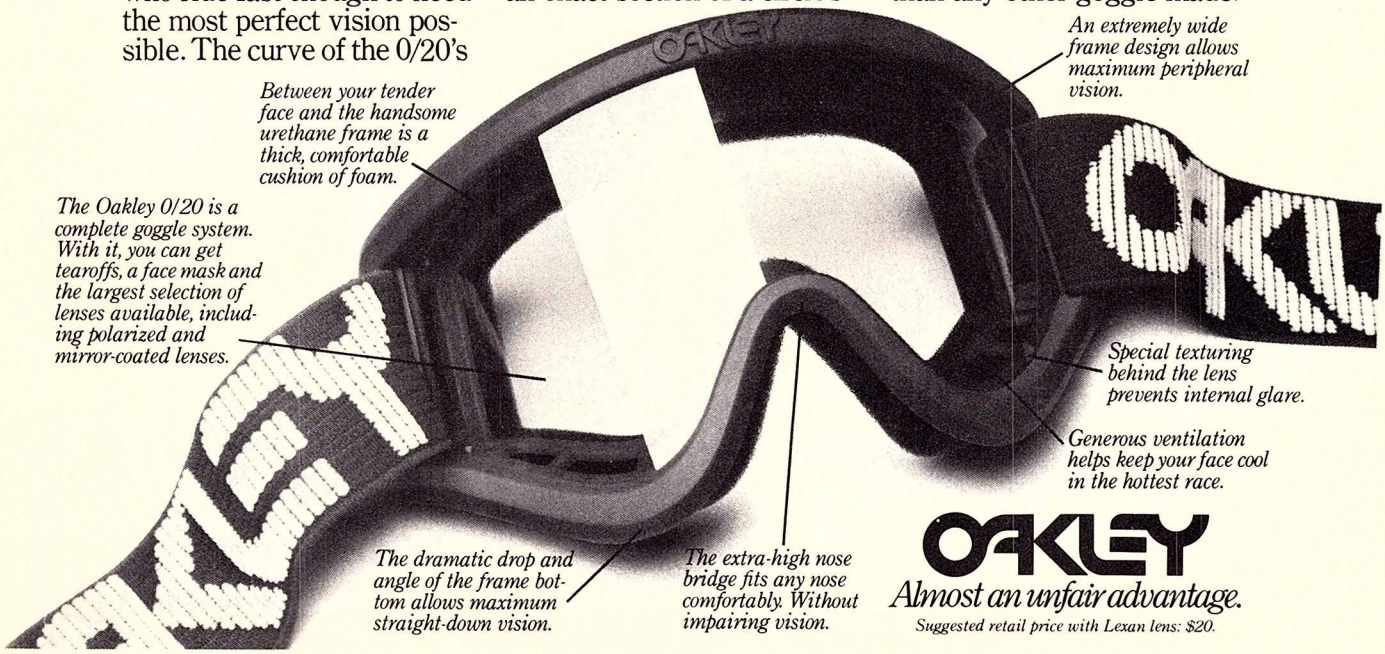
Husqvarna will not be going to single-shock suspension in 1982. Sources say that Husky has been testing with a new dual-shock setup that is moved farther forward and angled a little more. The European team has not been using Ohlins shocks, but is campaigning White Power on their 430CRs.

Maico is almost definitely switching to the single-shock fold. They have two prototype systems that are similar to the Pro-Link. When last seen, Maico was testing with Ohlins single-shocks, but it is possible that any American firm could get the shock contract for the new Maico Sharks.

Kawasaki isn't messing around. The green team has thrown a serious effort into

ARE YOU FAST ENOUGH FOR THESE GOGGLES?

Introducing the new 0/20 Goggle System. For those who ride fast enough to need the most perfect vision possible. The curve of the 0/20's highly scratch-resistant Lexan® lens is designed to be an exact section of a circle's circumference—a perfect arc. The result is less distortion than any other goggle made.


OAKLEY
An extremely wide frame design allows maximum peripheral vision.
Between your tender face and the handsome urethane frame is a thick, comfortable cushion of foam.
The Oakley 0/20 is a complete goggle system. With it, you can get tearoffs, a face mask and the largest selection of lenses available, including polarized and mirror-coated lenses.
Special texturing behind the lens prevents internal glare.
Generous ventilation helps keep your face cool in the hottest race.
The dramatic drop and angle of the frame bottom allows maximum straight-down vision.
The extra-high nose bridge fits any nose comfortably. Without impairing vision.

OAKLEY

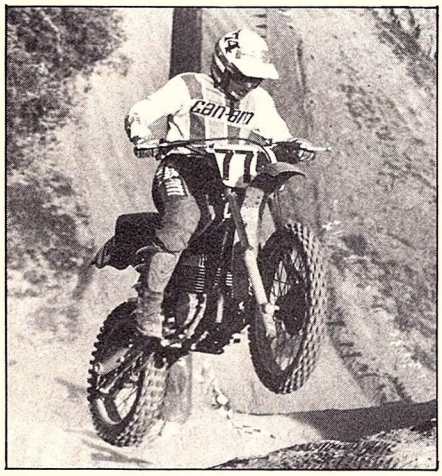
Almost an unfair advantage.

Suggested retail price with Lexan lens: $20.

Dirt

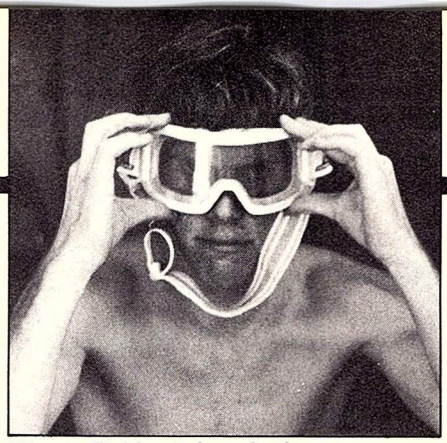
support racing and is expected to release new bikes before any other manufacturer. Included in that early release will be the water-cooled KX125 with the side-mounted radiator that we previewed several months ago.

□ □ □



Can-Am, whose absence from racing has been noticed, currently is testing new bikes with Southern California hot shoe Juan Benavidez

□ □ □



Warren Reid gets benched.

REID AND KAWASAKI GO AROUND

Kawasaki Team Manager Gary Mathers pulled Warren Reid's ride from him with one race to go in the 250 Nationals. Reid was fourth in the standings before the Colorado round. Mathers, who is less than popular with the Kawasaki factory riders, told Reid that he wasn't going to let Warren ride the final race. When Reid failed to appear, privateer Kris Bigelow passed him on points to become first privateer and fourth overall. The fans who expected to see Warren Reid race, and Kawsaki's image, were both sorely massaged by internal Kawasaki race policy.

□ □ □

FOUR-STROKE EXHIBITIONS

Perhaps the most popular half-time exhibitions at major races this past season have been four-stroke races. Anaheim Stadium started the ball rolling with a special Four-Stroke class. BP Racing-sponsored Eric McKenna won that race against a star-studded field. The Hangtown 125/250 National had a Four-Stroke Exhibition that was won by HPF-rider Marty Moates. Saddleback followed up with a four-banger class that resulted in White Brothers-powered Clark Jones, Gary Jones and Kurt Sofka finishing one-two-three. Marty Moates was fourth following a spectacular crash at the Magoo double jump. □

Three-time 250 National Champion Gary Jones lofts his White Brothers DR500 quadra-stroke up the Saddleback ledges.

THE SEAT THAT REVOLUTIONIZED RIDING

$29.95

THE SAFETY CEET

The SAFETY CEET protects "a couple of your vital organs" from being slapped on that not-so-friendly gas tank. This custom cut, high density foam seat extension lets you move farther forward on the tank for tighter cornering, gives more riding freedom, and is worth it's weight in gold when you land "wrong" after jumps.

crafted to insure that the corners, bends and angles fit your bike like a second skin. We use tough 24 ounce vinyl naugahyde, sewn with sturdy weather resistant thread. The yellow, blue, green and red colors perfectly match the rest of your bike. The paint used for seat and tank lettering is the best money can buy.

The SAFETY CEET is available for all the current motocross bikes, direct from your dealer, for $29.95. We also offer custom SAFETY CEET installation (send us your seat for 1-day turn-around) for only $39.95.

Looks are important—so is quality craftsmanship. Ceet Racing Products brings you both—at a reasonable price.

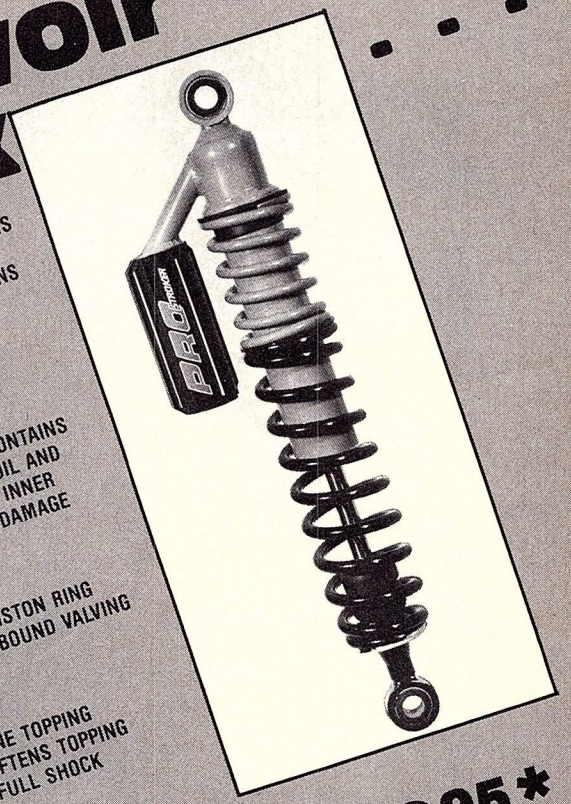
PRECISION CRAFTED

Our new SAFETY CEET joins our already established Gas Tank and Seat Covers. All Ceet Racing Products are precision

CEET RACING PRODUCTS INC.

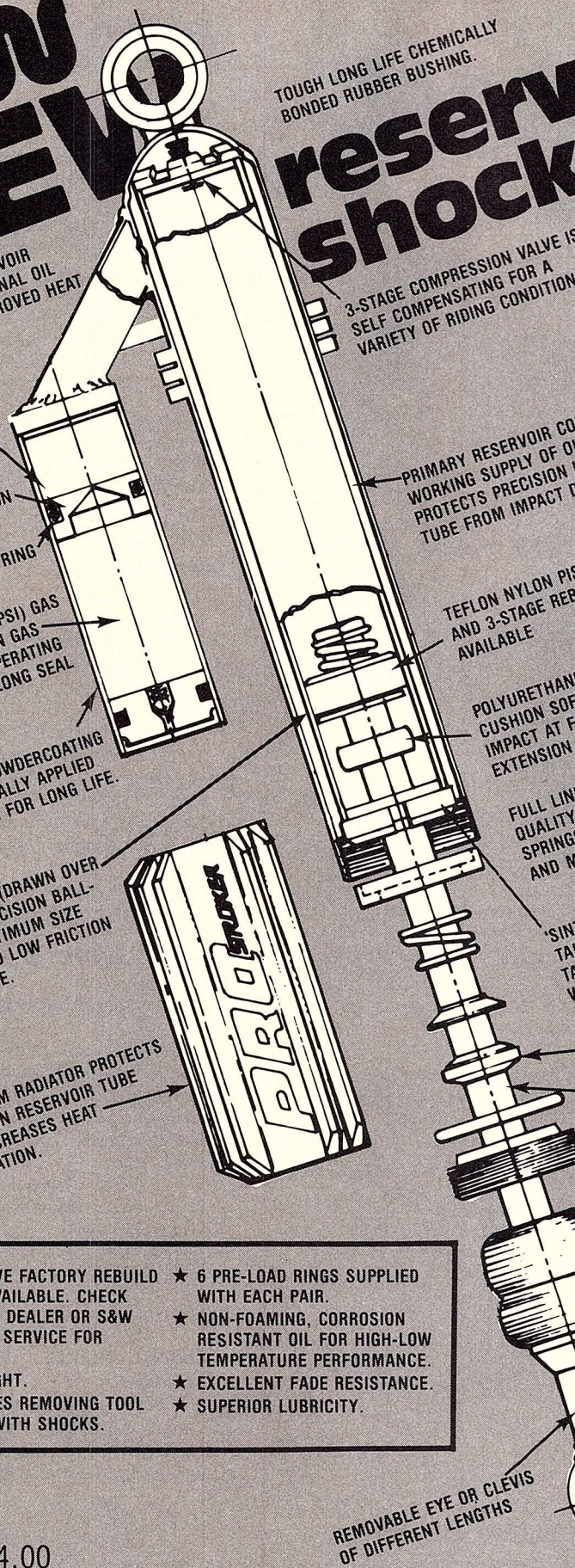
7231 Garden Grove Blvd., Suite A
Garden Grove, CA 92641
(714) 893-7070

S&W NEW reservoir shock . . .



$239.95*

*SHOCK SPRINGS ADDITIONAL



TOUGH LONG LIFE CHEMICALLY BONDED RUBBER BUSHING.

SECONDARY RESERVOIR PROVIDES ADDITIONAL OIL SUPPLY AND IMPROVED HEAT DISSIPATION.

3-STAGE COMPRESSION VALVE IS SELF COMPENSATING FOR A VARIETY OF RIDING CONDITIONS

FLOATING PISTON

NITRILE RUBBER "O" RING

PRIMARY RESERVOIR CONTAINS WORKING SUPPLY OF OIL AND PROTECTS PRECISION INNER TUBE FROM IMPACT DAMAGE

LOW PRESSURE (40 PSI) GAS CHAMBER NITROGEN GAS ALLOWS LOWER OPERATING PRESSURES FOR LONG SEAL LIFE.

TEFLON NYLON PISTON RING AND 3-STAGE REBOUND VALVING AVAILABLE

FUSED EPOXY POWDERCOATING ELECTROSTATICALLY APPLIED AND BAKED ON FOR LONG LIFE.

POLYURETHANE TOPPING CUSHION SOFTENS TOPPING IMPACT AT FULL SHOCK EXTENSION

FULL LINE OF SUPERIOR QUALITY CHROME SILICON SPRINGS FOR ALL MAKES, AND MODELS

D.O.M. TUBING (DRAWN OVER MANDRAL) PRECISION SIZED FOR OPTIMUM SIZE CONTROL AND LOW FRICTION AND LEAKAGE.

*SINTERED IRON ROD GUIDE RETAINS OIL AND INSURES CONSTANT LUBRICATION & MINIMAL WEAR.

MULTI-LIP SHAFT SEAL.

ALUMINUM RADIATOR PROTECTS PRECISION RESERVOIR TUBE AND INCREASES HEAT DISSIPATION.

1/2" MAIN SHAFT, PRECISION GROUND AND POLISHED, INDUCTION HARDENED FOR STRENGTH AND LONG LIFE.

BUMP RUBBERS CAN BE ADDED OR DELETED FOR ADDED ADJUSTABILITY OF FINAL SPRING RATE SUPPLIED WITH EACH PAIR OF SHOCKS.

- ★ INEXPENSIVE FACTORY REBUILD SERVICE AVAILABLE. CHECK WITH YOUR DEALER OR S&W CUSTOMER SERVICE FOR DETAILS.
- ★ LIGHT WEIGHT.
- ★ MOUNT EYES REMOVING TOOL SUPPLIED WITH SHOCKS.
- ★ 6 PRE-LOAD RINGS SUPPLIED WITH EACH PAIR.
- ★ NON-FOAMING, CORROSION RESISTANT OIL FOR HIGH-LOW TEMPERATURE PERFORMANCE.
- ★ EXCELLENT FADE RESISTANCE.
- ★ SUPERIOR LUBRICITY.

REMOVABLE EYE OR CLEVIS OF DIFFERENT LENGTHS

a look inside!

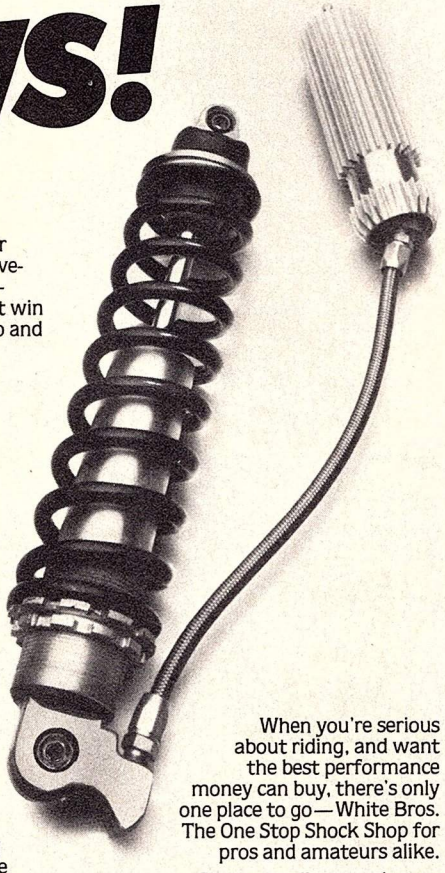
SEND $4.00 FOR NEW CATALOG

7051 Village Drive
Buena Park, CA 90621 U.S.A.

All prices subject to change without notice.

S&W ENGINEERED PRODUCTS

SHOCKING NEWS!



When it comes to single shock rear suspension modifications and improvements, there's only one place to go—White Bros. We build the shocks that win Gran Prix events, Baja, and more pro and amateur races than all the others COMBINED!

ONE STOP SHOCK SHOP

We established a reputation as the "One Stop Shock Shop" with our improvements to Yamaha Monoshock systems. Now we've got the hot set-up for Full Floaters, Uni-Traks and Pro-Links. Six months of exhaustive research and development has resulted in the right combinations and "fix-its" for ultimate shock performance and quality.

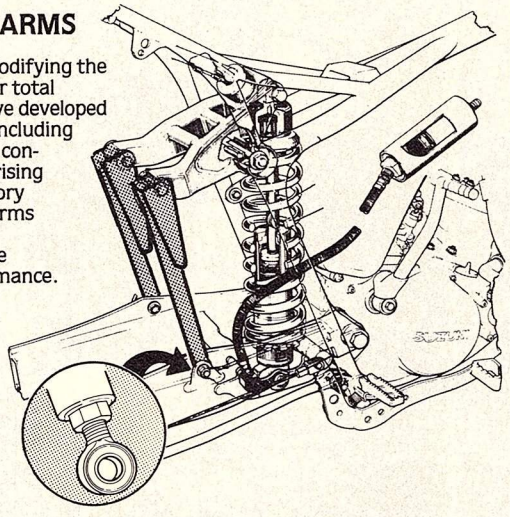
A Yamaha, Honda, Suzuki or Kawasaki shock modified by White Bros. is unique. With 8 years of experience behind us, we can custom tailor any shock for your weight, riding area and abilities. We've got internal damping alterations, extruded aluminum Fade Free reservoirs, larger hoses that increase oil flow by 200% and the biggest selection of single and dual-rate springs available.

When you're serious about riding, and want the best performance money can buy, there's only one place to go—White Bros. The One Stop Shock Shop for pros and amateurs alike.

Give us a call—or order our new catalog. We'll improve your bike, your racing results, and your riding fun.

ADJUSTABLE ALLOY ARMS

But we didn't stop there. Modifying the shock isn't the only answer for total suspension performance. We've developed unique White Bros. products including Kawasaki Action Arms which convert the stock Kawasaki to a rising rate system (just like the factory bikes), and Alloy Adjustable Arms for Suzuki's Full Floater that let you adjust shock loads, ride height and suspension performance.



White Bros

11611 Salinaz Dr., 'M'
Garden Grove, CA 92643
(714) 638-1653

Mail Entries

NUCLEAR FALLOUT

Dear MXA,

Hey! When the heck do I get paid for my photos in the February '80 issue? (Bermshot and page 46, "How to Spectate")

Please get my check to me. My camera seized, and I need money to get a new one or else I can't keep Foto-Xing about. If I can't take pictures, I'll have to melt down and spew radio-activity everywhere and render you not only sterile but impotent!

"Nuclear Neukam"
Sacramento, California

(Let's not let this get "blown" out of proportions, Nuke. We accidentally sent your check to Three Mile Island and only recently had it returned. You'll know it when it comes, as it glows in the dark. Be "seeing" you.)

SEND MONEY

Dear MXA,

Please send me decals of your motocross team. Send me posters giants posters and souvenirs your team motocross. Is my favorite. Thank you veri munch, your friend.

Mario Cesar Corroles Mancillas
Sinaloa, Mexico

Dear MXA,

How are you? Well, I hope so! I'm mexican boy. I want please to send decals, posters, autographs, photographs. Thank you.

Jose Alberto Castelum D.
Sinaloa, Mexico

WHERE'S THE PROFESSOR?

Dear MXA,

Would you please tell me how to contact Gary Bailey?

After talking with him during the New Orleans Superdome Supercross, I want and need an address where I can get more information on his Motocross School. I hope Gary has no objections to female riders!

Jaimie Causey
Kenner, Louisiana

(We're sure Gary has no objections to female riders attending his schools. Contact: Gary Bailey Motocross Schools, Dept. MXA, P.O. Box 118, Axton, Virginia 24054; (703) 650-3030).

GIMME...GIMME...SOME MORE

Dear MXA,

I would like to request a *Motocross Action* iron-on for my shirt and jersey. My friends wanted me to ask you for them, too; there are three of them. I would appreciate it.

Mike Bell
Harker Heights, Texas

(Now come on, Mike, doesn't Yamaha give you enough stickers as it is? You'll have to tell your friends Bobby, Ricky and

[continued on page 62]

MX by M. Robert

the #1 European mx-line manufacturer

Used by these top riders: Tommy Croft, Tony Distefano, Jeff Jennings, Carlos Serrano, "Rocket" Rex Staten, Greg Theiss, Gary Denton, Wayne Boyer, Randy Kirschbaum

M. ROBERT

Zona Industriale - Via Rovigo, 19
36070 Trissino (Vicenza) Italy
Telex 430584 AMIT I

DISTRIBUTED IN THE U.S. BY:

Action Associates, Arizona (602)253-1181
Full House, Ohio (614)224-0411
Keystone MX Works, Pennsylvania (412)846-8361
Knobby Shop International, California (714)452-1783
Krause Racing, Illinois (312)344-2233
O'Neal Distributing, California (213)998-1049
Race Ready, Texas (214)556-0237
Sullivan Brothers, Massachusettes (617)293-9430
Surefire, North Carolina (704)255-8096
Youth Motocross and Trials Specialists,
Strada Int'l./Italjet, California (213)982-2000

IN CANADA BY:

Chris Simpkins Sales, B.C. (604)278-6221
Chris Simpkins Sales, Alberta (403)275-9364
Steen Hansen Motorcycles, Alberta (403)435-4423
Aurora Cycle Supply, Ontario (416)727-6044
Toofor Accessories, Ontario (416)499-2424
Moto Mania International, Quebec (514)655-3433
Techno Sport, Quebec (418)653-9203

ESQUERRA & BAKER ARE SCORING BIG ON THE FIRESTONE RADIAL ATX.

THE CLOSER YOU LOOK, THE TOUGHER IT GETS. RADIAL ATX.

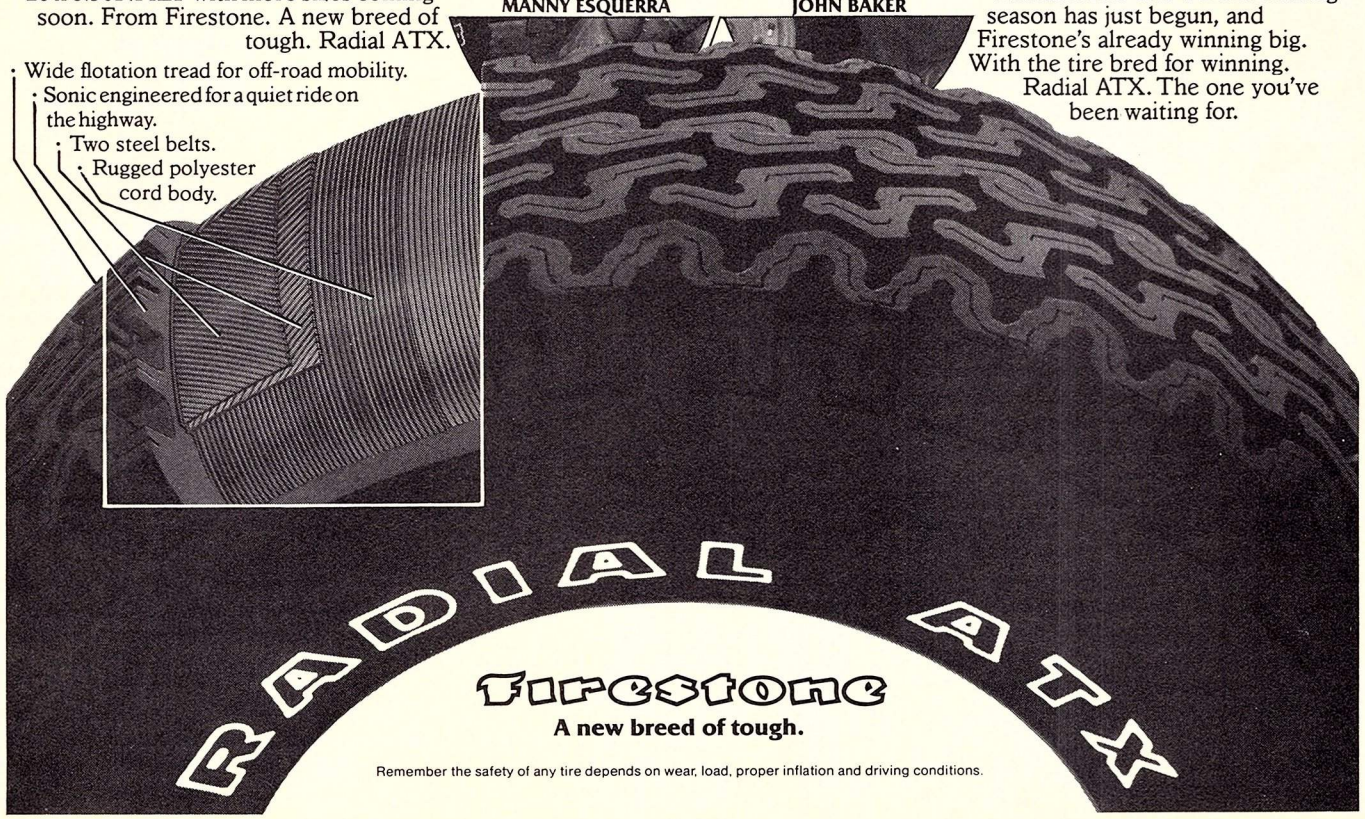
From the advanced engineering of the 80's comes the tire that's proving tough in off-road racing. Now ready to prove itself to you on mini-truck, pickup, van, or 4WD. Firestone Radial ATX. Available now at selected Firestone dealers and stores in sizes 10R15LT and 26 x 8.50R14LT with more sizes coming soon. From Firestone. A new breed of tough. Radial ATX.

MANNY ESQUERRA JOHN BAKER

ESQUERRA AND BAKER PROVED ATX TOUGH AT MEXICALI AND BARSTOW.

At the Mexicali 250, it was Manny Esquerra and John Baker, first and third in Class 7 mini-truck action. And when the dust settled at Barstow, it was Esquerra and Baker again, this time first and second. Both on the Firestone Radial ATX. The SCORE racing season has just begun, and Firestone's already winning big. With the tire bred for winning. Radial ATX. The one you've been waiting for.

- Wide flotation tread for off-road mobility.
- Sonic engineered for a quiet ride on the highway.
- Two steel belts.
- Rugged polyester cord body.

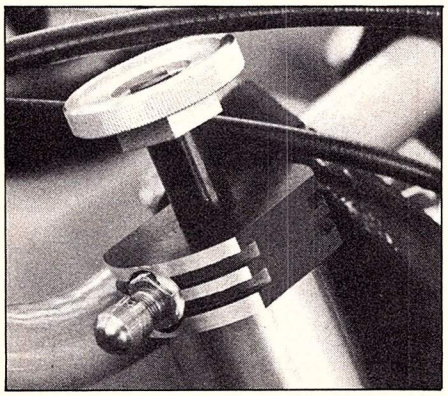


Firestone

A new breed of tough.

Remember the safety of any tire depends on wear, load, proper inflation and driving conditions.

Dialing It In



SWAPPING OUT

Dear MXA,

My Kawasaki KX125 tries to wiggle the bars out of my hands on rough straights. My friends said to make the forks stiffer, but now they feel really harsh. The wiggle was reduced, though. What's the solution?

Art McCabe
Clearwater, Florida

(*Stiffening the forks will lessen the wiggle, but the best solution is to either slide the fork legs as far down in the triple clamps as possible, and/or install a high-quality fork kit that will extend the forks. Either move will raise the front end and increase stability.*)

HUSKY HOT SETUP

Dear MXA,

If I have my Husky 430 forks set up exactly to the owner's manual specs, they top-out and aren't stiff enough. What's the hot setup?

Marty Crocker
Kerwin, California

(*Husqvarna recommends from 430-450cc's of oil in their forks, but 450cc's really should be the minimum. Most Husky privateers run about 465cc's of 15-weight fork oil. Several large Husky team members run almost 480cc's. Fill it up!.*)

MAICO SHOCKS

Dear MXA,

No bull! Tell me what the best shocks are for my 490 Maico. The stockers went out the first week. What do the fast guys use?

Dennis Deeds
Charlotte, North Carolina

(*Works Performance's new, aluminum-bodied piggyback shocks with the triple-rate springs are mounted on almost every National Maico. Maico's rear suspension problems are caused by an extreme leverage ratio and the need for heavy springs. Gil, at Works Performance, specializes in Maicos and has done his homework. Have your local dealer contact him.*)

ACCORDIAN ACTION

Dear MXA,

I want to take the fork boots off my YZ465-H and just run the old-style dust seal, but

[*continued on page 64*]

JIMMY WEINERTS

Jammin' USA

JAMMIN' VENTILATED PRO PADS
. . . $49.95
Ventilated Front and Back, Full Coverage Velcro Fasteners.
Colors: Red/Wht, Blu/Wht, Blu/Yel, Blk/Yel

JAMMIN T-SHIRTS
SHORT SLEEVE . . . $6.95
LONG SLEEVE . . . $10.50
100% Cotton. Sizes: XS, SM, MED, LRG, XLG.
Colors: Wht, Blu, Yel, Tan

JAMMIN PIT HAT
. . . $6.25

GOLD BELTS
. . . $21.95
Colors: Gold/Blk, Yel/Blk, Yel/Blu, Yel/Red, Red/Blk, Blu/Blk, Blk

PRO BELTS
. . . $19.95
Colors: Gold/Blk, Blk

SHOEI · answer · STAY BACK · PJ1 · Jammin · UP FRONT · OAKLEY · CYCLE-AM

JAMMIN STICKER KITS
. . . $2.95
15 of the Jammers Favorites.

DeCROSSER GRIPS
. . . $6.95
Designed by Roger DeCoster.
Colors: Red, Blk, Yel, Blu, Grn.

TOURING GRIPS
. . . $8.95
The Latest Development in Touring Grips.
Colors: Blk, Brn.

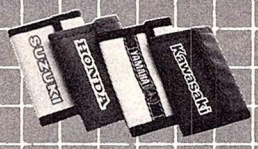
TAKI GRIPS
. . . $6.95
Used by Top Pros.
Colors: Red, Blu, Blk, Yel, Grn

DE HANDLERS
Plastic . . . $9.50 — Specify Color
Alloy . . . $14.95
Pro . . . $15.50 — Yel. or Blk.
Specify Bike

TEAM BELT PACKS
. . . $19.95
Avail.: Suz., Yam., Hon., Kaw., Mai., Husky, C-A.

JAMMIN TEAM WALLETS
. . . $6.95
Nylon/Velcro Wallets in Team Colors.
Avail. in: Yam., Hon., Suz., Kaw., Mai., Husky, C-A.

TEAM CROSS BAR PADS
. . . $5.95
Nylon/Velcro. Avail.: Hon., Yam., Suz., Kaw., Mai., Husky, C-A.



Name _____ Qty. Size/Color/Make/Description Amt.
Address _____
City/State/Zip _____

Send Check, Cashiers Check or Money Order. (Allow 10 Days to Clear on Personal Checks). Add $3.50 Shipping Fee to Orders Under $10.00. Foreign Orders Add 10% Shipping Fee. Prepaid in U.S. Currency. No C.O.D.

Please Send Me More Info on the Jimmy Weinert Motocross School

DEALER INQUIRIES INVITED

Total _____
Total Amount Enclosed _____

JAMMIN USA 21108 Le Marsh Ave., Chatsworth, CA 91311 (213) 709-5774

WHIRLPULL

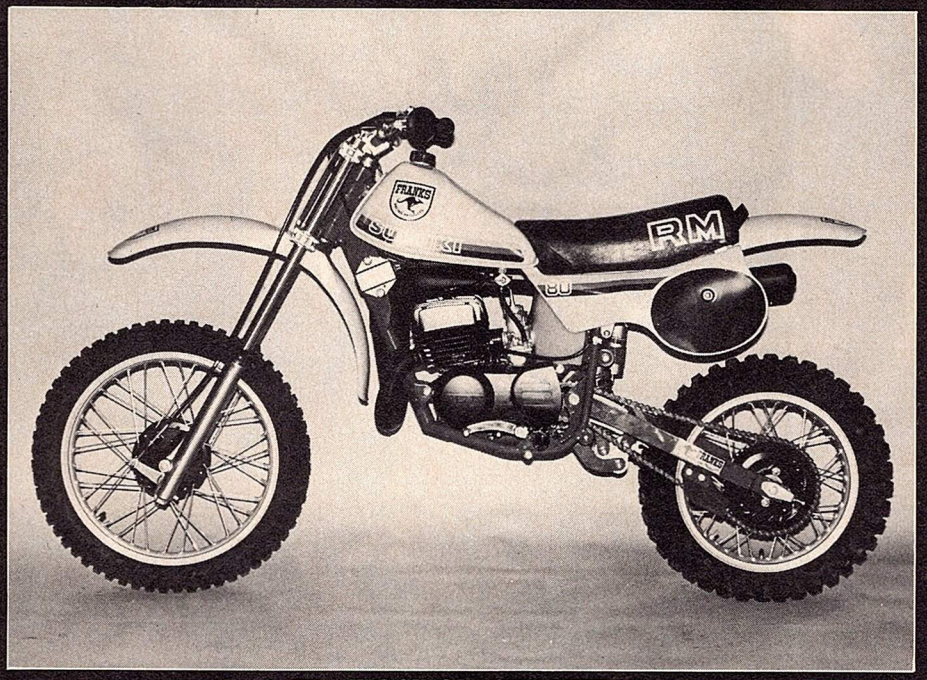
GUNNAR GASSER

- Used by all top riders and teams in MX and off road.
- Under $20.00 suggested retail.
- No gears, sliders or levers to wear out.
- Simple design, virtually indestructible.

- Unlike others, can be used with "shorty" levers.
- Cable hookup without disassembly.
- Most titles and pro victories during the last two years were won with the GUNNAR GASSER.

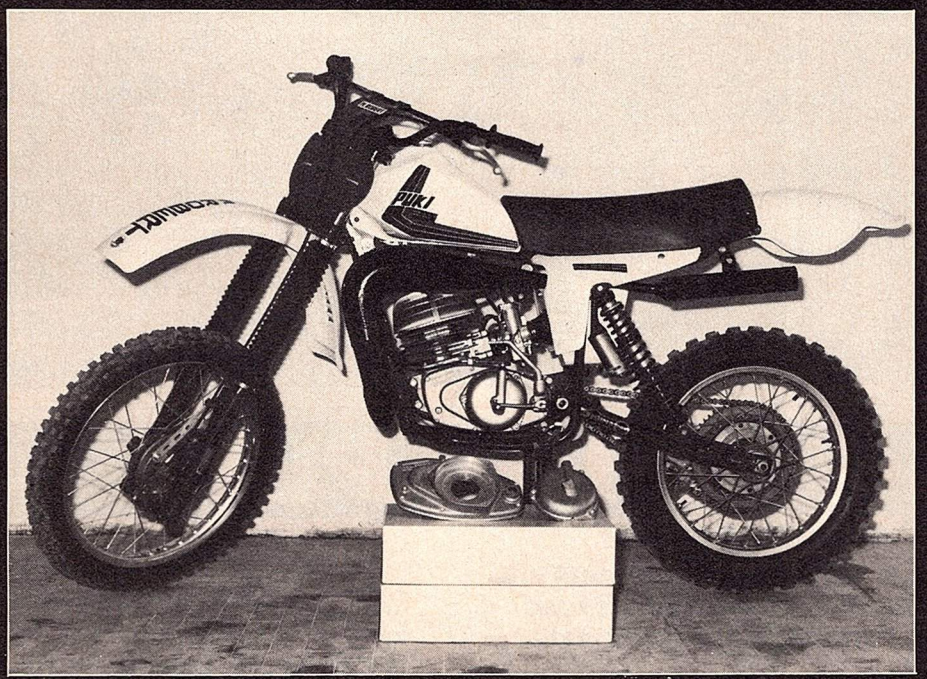
DISTRIBUTED BY:
MOTO-X FOX
TORSTEN HALLMAN RACING
RACE READY, INC.
MOTORACE, INC.
HI-POINT RACING PRODUCTS
MALCOLM SMITH PRODUCTS

Tricks From The Trade



FRANK'S SINGLE-SHOCKER 80

Want to have the only single-shock, progressive linkage rear suspension Suzuki RM80 at your track? You do? Is this your lucky day! Frank's Racing Products makes a 4130 chromemoly frame and swingarm that attaches to a special Fox shock. Paired with lightweight BFI fork tubes, aluminum alloy billet triple clamps, special high-volume air box and built-to-order care, the Frank's Single-Shock RM80 is a *shock*. Also available for XR80 and YZ80. Write Frank's Racing Products, Dept. SSRM, 3446 W. Harvard, Santa Ana, California or call (714)546-3484.

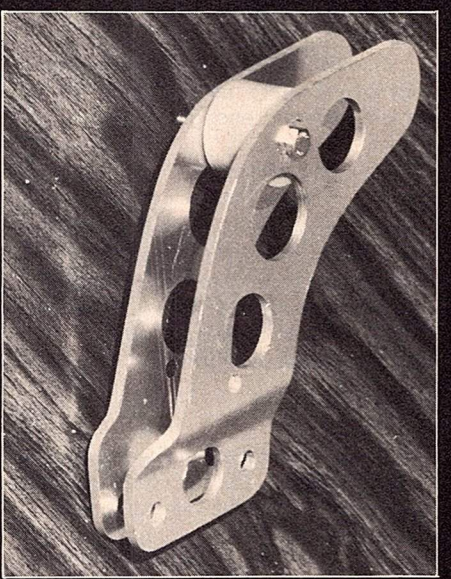


PUKI MOTOR CHAY-ZED

What is a Puki? It is perhaps the hottest production CZ ever to hit the states. Built in Italy, with the exception of the motor and wheels, the Puki has 12 inches of travel front and rear, reed-valved Bing carburetor, special cast alloy clutch covers, Motoplat ignition, up-pipe and Magura controls. If you're wondering how a Puki really works, be prepared to attend the Saddleback CZ World Championships on October 3. For more info on buying a modern Chay-Zed, contact Bertus CZ, 1340 North Hacienda, La Puente, California 91744 or call (213) 330-6171.

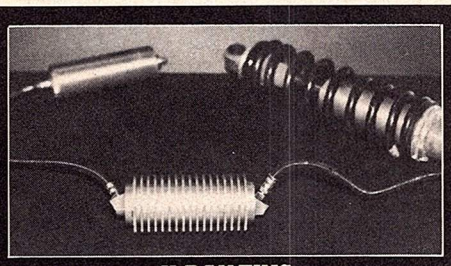
MEISTER McGOGGLE

Porsche Design sunglasses by Carrera are the rage of the big-bucks car racing crowd, and for good reason. Imagine a $220 pair of gold-framed, glass-lensed, folding sunglasses; or the cheaper $150 units; or even the peasant model $30 Carreras. You don't have to wear Carrera goggles to wear Carrera sunglasses and you don't have to own a Porsche to wear Porsche Design sunglasses, but money in the bank and a firm grip on unreality really help. Get the full skinny from Meister Products, 110 Santa Anita Avenue, Burbank, California 91502 or call (213)843-5515 and ask for Pat. He is in charge of the massive discount section.



PRO CIRCUIT TORTURE DEVICE

Make your chain sit up and beg. Whip it around the sprocket until it runs dry. Go over its rollers with a wire brush and then spray it with oil. Do whatever you want to it, but don't forget to squeeze your Husky chain through a Pro Circuit Chain Guide. Sure it is tough...and it's mean, also. It guides the chain on any 1981 Husqvarna better than a whip and chair. It comes complete with a flashy yellow A&B Super roller to guarantee that the fun will never stop. Pro Circuit Products, Dept. Whip It, 2860 E. Lincoln, Anaheim, California 92806; (714)630-6528.



X-RAY FINS

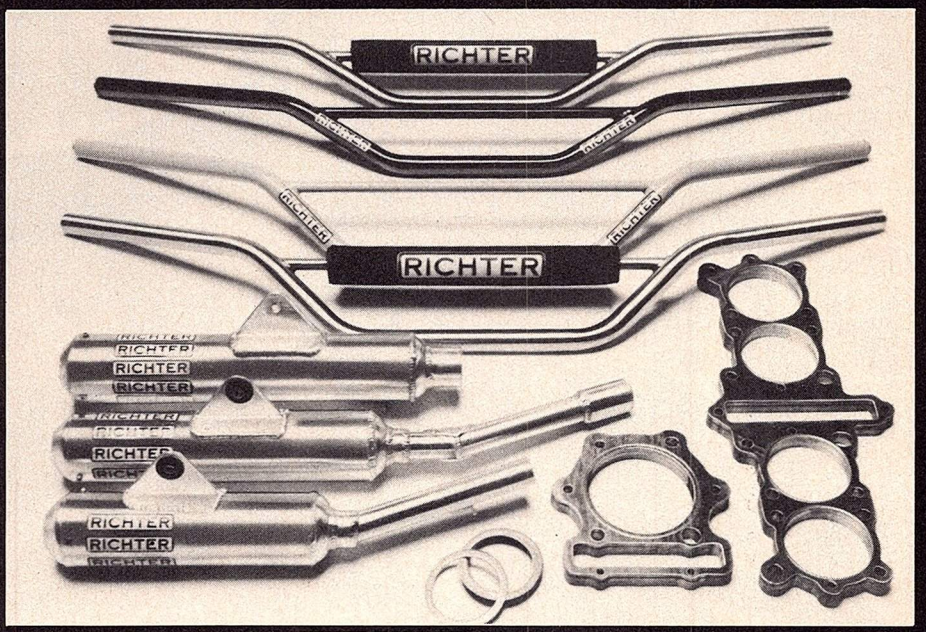
RPM's new single-shock reservoir kit claims to have fins inside and out for more cooling. It also claims to double the oil capacity of all the popular single-shocks on the track today. Even better, they claim it fits neatly in between the shock and stock reservoir. They also claim it to be the type of reservoir that Brad Lackey used last year to finish second in the world (wonder what type of reservoir the first-place guy used). They claim it comes complete with reservoir, lines, fittings and easy-mounting kit, or you can send them your shock and they will put it on for you. They claim to be RPM and that their address is 3432 Sylvania Avenue, Toledo, Ohio 43623. They also claim that you can call them on the phone at (419)472-7739.

MOR-POWER FENDER EXTENDER

If you race enough mud races, eat plenty of roosts, or get misscored on occasion, you are a prime candidate for the new Mor-Power Fender Extender. It is a bolt-on addition that can be taken off or put on the stock fender in minutes. It comes complete with a built-in set of number plates that give your scoot a total of five numbers for the scorekeepers to read. Scorekeepers on the rapid, SoCal tracks love these special mud and racing fender extenders. Priced at $17.95, they are available for all popular bikes in yellow, red or white. For more info contact Mor-Power, 12143 Studebaker Rd., Norwalk, California 90650; (213)864-5214.

ARE THESE THE SHIRELLES?

Remember the hit song "My Boyfriend's Back," or "Soldier Boy," or "Leader of the Pack"? This is the famous female singing trio that made those hits and many more. Lead singer Laverne is on the left wearing a DG Starburst T-shirt, her sister Irene is in the middle with the Team Honda sport shirt and that is Maxine on the right in the Team Suzuki sport shirt. The Starburst sells for $8, and Laverne knows a bargain when she sees one. The sport shirts retail for $17.50 from DG Performance Specialties, 1230 La-Loma Circle, Anaheim, California 92806, or call 630-5471.



WHERE IS PAT, ANYWAY?

Pat Richter has nothing to do with Richter aluminum silencers or tough stainless steel handlebars. Gary Richter of Wheelsmith claims to have nothing to do with Richter 6061 T-6 aluminum rebuildable silencers that fit all popular bikes. But we think he just doesn't want to be associated with the Richter handlebars that come in five finishes, a broad selection of bends and stainless or carbon steel models because it would interfere with building the world's trickest Maico if someone called him on the phone to order anything from the expanded Richter motorcycle line. See your local dealer or contact Richter, 1355 Lawrence Drive, Suite 204, Newbury Park, California 91320 □

YZ125 POWER PUMP

DG Pro kit

By Jody Weisel

☐ Yamaha's YZ125H has a seriously deficient motor. The powerband is narrow (hard-hitting, but limited) and not blessed with a generous top end or even a whiff of a low end. Because it hits hard when it comes on, a rider with lots of skill and a rapid toe will make the YZ work, but it isn't as easy as it should be. History has shown us that the powerband of the YZ125H is typically narrow, but this time it's taken to extremes.

One of the toughest chores in engine-tuning is getting more low end out of an engine that has been tweaked for the upper limits. DG Performance Specialties is one of the few major mini-factories still left producing engine parts and doing modifications. And DG has always had a close relationship with Yamaha, especially in light of the fact that former Team DG riders Broc Glover, Bob Hannah and Mike Bell have all become factory Yamaha riders. DG tackled the testy YZ125H powerband and made some excellent power exude from it.

A smoother and broader powerband is what the YZ125H needs, and that's what the DG Pro Kit gives it. No glitches or flat spots.

The DG pipe and cylinder head mod are very effective in coaxing more power from the water-cooled depth of the pipey YZ powerband.

Boost bottles have become commonplace on all bikes for 1981. DG attaches theirs to the shock reservoir.

Don't be left at the starting gate...use...

RED DOT

The Choice of Bob "Hurricane" Hannah

3:00x21	100/90	4:50x18	5:00x18
2 & 4 ply	2 & 4 ply	4 ply	4 ply

Champions like National M-X winner Bob Hannah, National Enduro winner Darryl Kuenzer and National Hare Scrambles winner Kevin LaVoie rely on Hi-Point "Red Dot" Knobbies to deliver the action and traction for victory.

Hi-Point "Red Dot" Knobbies are a premium tire manufactured in the U.S. to Hi-Point's rigid specs to give you outstanding performance in the dirt. "Red Dots" are available in four popular sizes including 2 ply in 3:00x21 and 100/90.

Pick them up from your local Hi-Point Racing Products dealer. "Red Dots" have brought down the cost of being competitive.

HI-POINT ★ RACING ★

SEE YOUR HI-POINT RACING DEALER

HI-POINT RACING PRODUCTS
Penton Imports Company
3709 W. Erie Ave., Lorain, OH 44053
9604 Oates Dr., Sacramento, CA 95827

Send $1.00 for a "Red Dot" decal and Hi-Point visor decal to "RED DOT" Decal, 3709 W. Erie Ave., Lorain, OH 44053.

CRASH-PROOF

Absolutely the most durable folding tip shift lever made.

- Over 30,000 in use throughout U.S. and Europe.
- 5 years race-proven.
- Unequalled quality.

For all bikes in matching colors.

Now Only **$18.95**

From your dealer

Dealers—Now available Factory Direct.
Phone (714)-455-9490

MACDONALD PRODUCTS
11575 Sorrento Valley Rd., San Diego, CA 92121

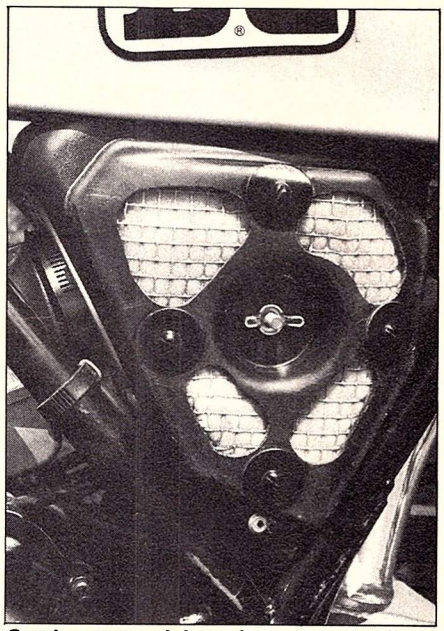
The original and major U.S. manufacturer of folding tip levers — since 1975

HOP-UP

WHAT'S IT COST?

The complete DG YZ125H Pro kit retails for $330. For that price you get Stage Five porting, cylinder head modifications, DG Pro-Series pipe, pre-jetted 36mm Mikuni carb, Power Canister and air filter. Each piece is available separately, and we will analyze each mod separately.

The best single improvement that your YZ125H can get is the large-volume DG Pro Series pipe. The pipe bolts on and increases the powerband all the way around. The cost is $89.50, but it should be the first thing you spend your hard-earned bucks on.



Getting more air into the motor results in some interesting innovations.

For $35, DG will mill the stock YZ cylinder head and reshape the squish band. This is a simple and effective mod that gives the YZ a touch more pump on the bottom end. For our money it is the second-best improvement. Each individual modification isn't as effective as the whole package, but if you don't have 330 clams in one pot, the piece-by-piece method can be made to work.

Stage Five porting ($95) and the big-bore 36mm Mikuni ($69.50) are an excellent combo after you have milled the head and added the pipe. As a final touch to add a smoother power delivery, DG's Power Canister ($39.50) can be bolted on.

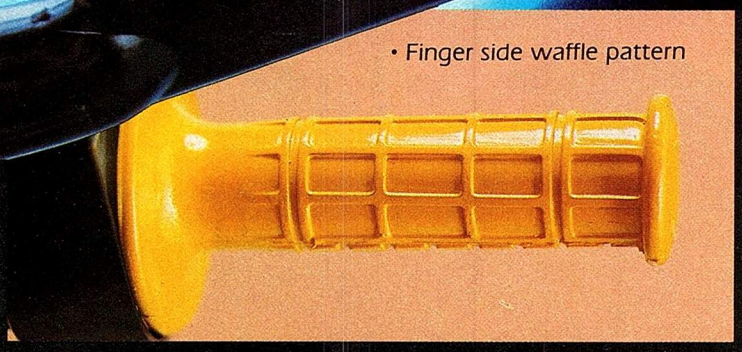
DOES IT WORK?

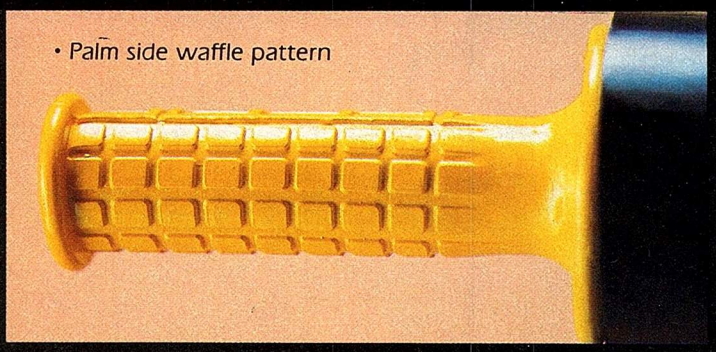
Most engine kits go for flash powerbands. That's the kind that goes for a big punch—either higher or lower on the curve—but the DG YZ125H kit was smooth and clean. It broadened the powerband, made a smoother power delivery while increasing the amount of power available. It works better than the stock engine by a long shot. For more info contact: DG Performance Specialties, 1230 La Loma Circle, Anaheim, California 92806; or call (714)630-5471. □

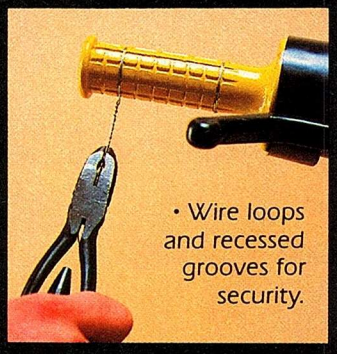
JT Racing USA

presents...

TRUE GRIP







THE DESIGN
An innovative design developed specifically for the two different gripping parts of the hand. The directionally patterned, waffle-shaped ridges are smaller and more highly raised on the palm side for blister reduction and creation of better feel while the large, flatter squares on the finger side maximize grip and give good traction. Flanges on the inside core of the grip provide cushioning where thumb and forefinger rest for unmatched comfort

THE DIAMETER
The smallest of any grip on the market! This incredible thinness virtually eliminates muscle tension and forearm fatigue. Fatigue is further minimized by the tacky compound which is tough, uniquely comfortable, and weather resistant.

THE SECURITY
Wire loops and recessed grooves are molded into the design enabling the rider to wire the grip to the bike.

THE COLOR
TRUE GRIP comes in six vivid team colors for motorcycle and BMX bikes alike. Green, White, Black, Red, Yellow, or Blue.

THE RESULTS
A true research and development effort, a truly revolutionary design, and the only one with TRUE GRIP! $4.95

NEW VIBES

JT SUPERCROSS VISOR . . . $4.95

JT 5-SNAP PRO PEAKS . . . $4.95

JT ROCKGUARD . . . $8.95

JT GOGGLE BAG . . . $14.95

JT GOGGLE LENSES

CHUCK SUN
1980 500cc
National Champion

16-262

JT TEAM GOGGLE

At last! A comfortable fitting goggle brings a choice of team colors to motocross. Long overdue, the Yamaha, Honda, Suzuki, and Kawasaki team colors have been matched with colorful frame and a fully adjustable strap. JT logo on strap completes the team look. Updated styling and fit have caused top riders like Howerton, Hansen, LaPorte, O'Mara and others to choose JT. Order by part number above. . . $16.95

03-420 Clear Lens $1.40
03-421 Smoke $1.40
03-422 Amber $1.40
03-423 Smoke Polaroid $4.25
03-424 Clear Lexan $2.95
03-425 Tear-offs $2.40
03-426 No Fog Cloth $1.20

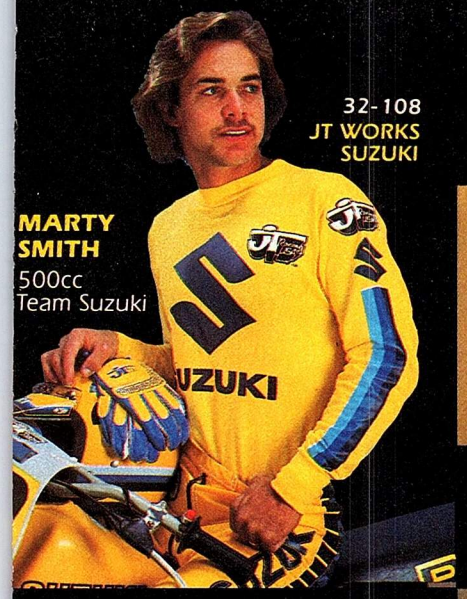
16-258

16-259

16-270

JT NEWFORM UNLEATHERS™

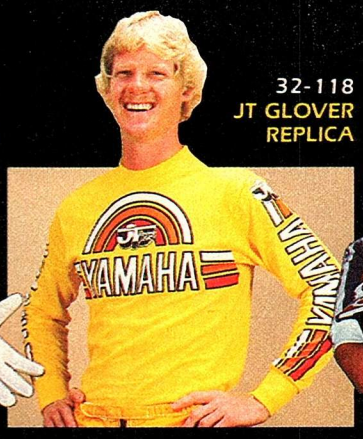
When value is measured, JT leads where others follow. JT Newform Unleathers are the trend setters in design, function, beauty and affordability. Made in the U.S. of heavy duty "Satinyl" designer cloth, their strength and flexibility are unmatched. Combined with the "sleek streak" spandex insets, extra protection is provided with removable hip pads, tricot backed foam and high impaction-grab leather on inner knees. Sizes 22-38, Washable.
When looking for value don't buy protection by the seat of your pants! $99.00



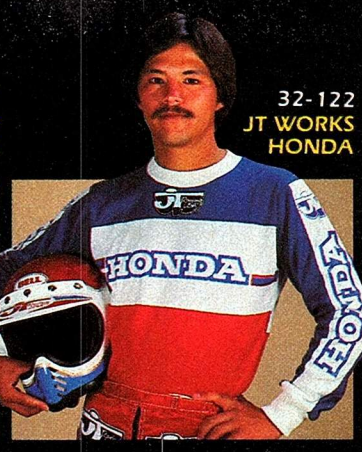
MARTY SMITH
500cc
Team Suzuki

32-108
JT WORKS
SUZUKI

32-126
JT WORKS
KAWASAKI



32-118
JT GLOVER
REPLICA



32-122
JT WORKS
HONDA

JT JERSEY LETTERING

70-820	3" letters	$1.25/letter
70-816	11" SX numbers	2.50/number
70-821	8" numbers	2.50/number

JT PANT LETTERING

70-271	JT Rear Logo	$5.00
70-277	JT Leg Logo	$4.00
70-272	Name on rear	$2.50/letter

JT SUPERCROSS TEAM JERSEYS

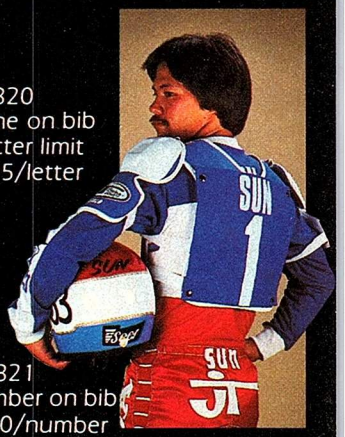
JT's poly-cotton jerseys are shown exactly as worn by our team riders and champions. Always keeping up with the latest in design, they are the ultimate in comfort and style! $17.95

32-127

32-099

32-112

32-123



70-820
Name on bib
9 letter limit
$1.25/letter

70-821
Number on bib
$2.50/number

50-195

50-197

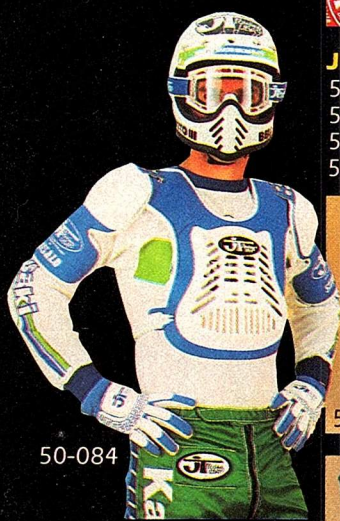
50-196

50-198

50-199

JT VENTILATORS

World's first shoulder pad designed for motocross provides protection in both front and back. Thorough ventilation, quick release buckling system, and optional back bib complete the overall high quality of construction and design. An unquestionable leader in world-class competition. Order by part number and color. $64.10



50-084

JT VENTILATOR NUMBER BIB

50-192 Red Bib	$8.95
50-200 Blue Bib	$8.95
50-201 Yellow Bib	$8.95
50-202 Black Bib	$8.95

50-085

50-089

50-086

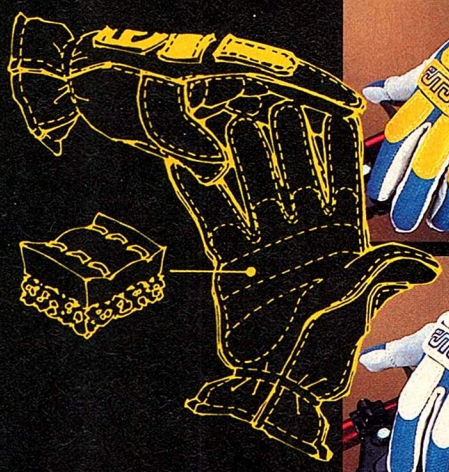
50-087

JT TEAM SCREEN

The first and best vented chest protector to provide complete protection from flying stones in warm weather. Extremely lightweight, flexible and cool. Order by part number and color $47.75

JT Racing USA

NEW VIBES



JT HALF-BREED GLOVES™ $30.25

Always a source of pride with us at JT, more champions have ridden with the JT Glove since 1975, than any other glove in the world.

Designed to follow the contour of the hand, the JT Halfbreed Glove™ is the ultimate in feel, fit and protection. All feature cushioned inside palm padding and outside thumb wrap. Palms of finest lamb skin and lightweight nylon back allows the glove to stay cool. Order by part number and sizes 8,9,10,11. Kid's available too.

40-284 Black
40-285 Blue
40-286 Red

JT VELCRO GLOVE

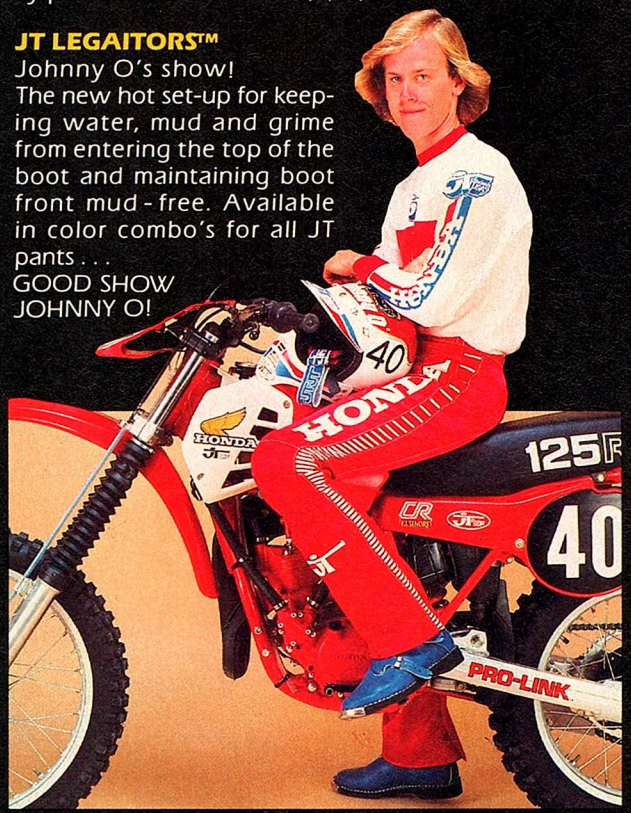
A special feature has been added to this year's Half-Breed glove from JT. A velcro wristband now keeps the glove from riding up and prevents any dirt from entering.

JT CHAMPION MOTOCROSS BOOTS

All leather, light, comfortable and durable . . . a truly superior, long-lasting boot. Available in sizes 1-13. Order by part number, color and size . . . $142.95

JT LEGAITORS™

Johnny O's show!
The new hot set-up for keeping water, mud and grime from entering the top of the boot and maintaining boot front mud-free. Available in color combo's for all JT pants . . .
GOOD SHOW
JOHNNY O!



06-258 Yellow/Black-Yamaha
06-259 Yellow/Blue-Suzuki
06-262 Red/White/Blue-Honda
06-270 Green/White/Blue-Kawasaki
06-263 Red/Yellow
06-264 Blue/Yellow
06-266 Black/Yellow
06-268 Red/White
06-269 Blue/White

The velcro opened back, snap-tab and elasticized top permit the LEGAITOR™ to be slipped on and off with ease $17.50

JT SIDEWINDER HAT
JT offers a real, tall Texas Resistol straw hat complete with JT hatband.
. . . $36.95

02-111

07-553
JT RIDER /HONDA
. . . $9.50

JT MOTO-XING $7.95
07-546

JT JIGSAW . . . $7.95
07-548

JT PANTHER . . . $7.95
07-541

02-060 **JT RAINBOW HAT** . . . $7.95
02-061 Blue

JT VICTORY WREATH
. . . $7.95
07-619

JT RIDER/YAMAHA . . . $9.50
07-551

JT RIDER/KAWASAKI . . . $9.50
07-552

JT RIDER/SUZUKI . . . $9.50
07-550

Also available in Suzuki, Yamaha and Kawasaki.

JT HONDA WRAP
. . . $7.95
07-577

YAMAHA PRO EUROPE
07-560 . . . $7.95
02-054 Hat . . . $6.95

JT PRO YAMAHA . . . $9.50
07-557 02-057 Hat

JT PRO KAWASAKI . . . $9.50
07-558 02-058 Hat

JT PRO SUZUKI . . . $9.50
07-559
02-059 Hat

JT PRO HONDA . . . $9.50
07-556
02-056 Hat

JT has a love affair with team t-shirts for summer! I LOVE MX is only the beginning . . . also, I love Honda, Yamaha, Suzuki, Kawasaki, Maico and Husky. (Not shown, but available.)

Specify size:
Men's: S,M,L,XL
Women's or Kids: S,M,L

07-546 **JT I LOVE MX** . . . $7.95

07-623 **JT BIG "H"**
. . . $7.50

06-333
JT HONDA PIT PANTS
The new design in blue with new logo and stripe down the side.
S,M,L,
$36.95

JT MAGIC TRACKBOARD
. . . $21.80

05-150
I ♥ MOTO-X
BUMPER STICKER . . . $1.50

09-306 Third-gear duffle bag . . . $29.95

09-307
Fourth-gear cross bag
. . . $33.95

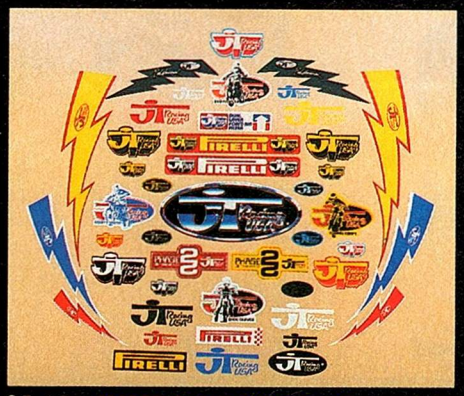
JT FIFTH GEAR BAGS
A new generation of JT gear bags made of nylon blue pack cloth. Lightweight yet heavy-duty, they have large zippers, pockets, carrying handles and shoulder straps.

09-308 Fifth-gear double cross bag (not shown) $71.95

02-119
JT Victory Wreath Hat
. . . $6.95

02-120
JT Victory Wreath Hat
. . . $6.95

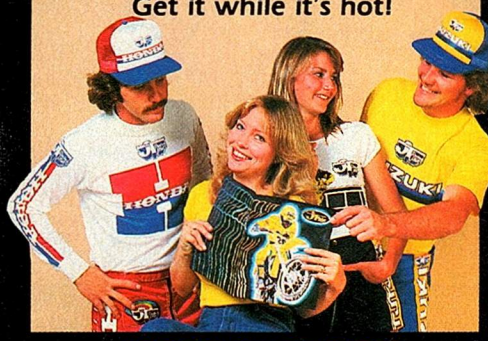
02-053
JT All-Star Hat
. . . $6.95



05-624 **JUMBO STICKIE BAG** . . . $9.95

05-623 **RAINBOW KIT** $4.95

NEW JT CATALOG '81
Get it while it's hot!



FREE GLOW STICKER!
$6.00. . . Refundable with first $50.00 order.

Name _____

Address _____

City/State/Zip _____

Amt. Enclosed _____ ☐ MC ☐ VISA ☐ AM. EXPRESS

Credit Card No. _____

Exp. Date _____ ☐ **C.O.D.** ☐ **CASH**

Send money order to avoid delay in shipping. Allow 45 days on orders with personal checks. Orders less than $10.00 add $1.50 shipping fee. Foreign orders add 10% shipping fee prepaid in U.S. currency. For super-fast delivery call (714) 427-0971. 15% handling charge on all products returned. Items subject to price change without notice.

DEALER: Send for free catalog on letterhead.

ALL PREPAID & COD ORDERS SEND FREIGHT COLLECT!

ITEM #	QUAN.	SIZE	COLOR	AMOUNT

NO CUSTOM LETTERING ON C.O.D.

Name Applied _____ Number Applied _____

Cost/Letter _____ Total Cost _____

California residents add 6% sales tax.

MXA July

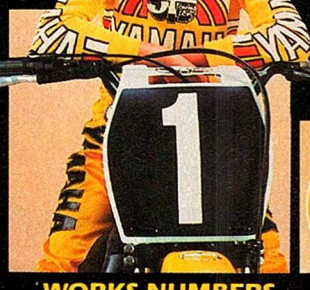
JT RACING USA
303 West 35th Street, Ste. C, National City, CA 92050
Telex No. 697-869 (714) 427-0971

CHECK YOUR LOCAL DEALER FOR AVAILABILITY!

09-358 **JT WORKS PRO PLATE**
The original big number plate meets A.M.A. Competition requirements. Specify white, black, yellow, red, or green background . . $9.95

JT CROSSBAR PAD
Protective and lightweight polyurethane foam fills the inside of the nylon outer fabric. Velcro fastening for quick installation. Racy new colors and graphics! $5.95

09-317 Red/White/Blue
09-318 Green/White
09-319 Yellow/White
09-320 Black/Yellow
09-321 Red/Black/Yellow
09-322 Blue/Yellow



JT WORKS "MINI" PRO PLATE 09-353

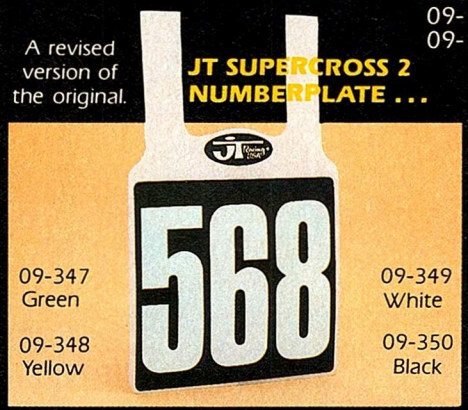
. . . $5.99

WORKS NUMBERS
09-111 11" numbers for 1 or 2 digits . . . $1.00 ea.
09-112 8" numbers for 3 digits . . . . . $1.00 ea.

MINI WORKS NUMBERS
09-113 6" for 3 digits . . . . . $1.00 ea.

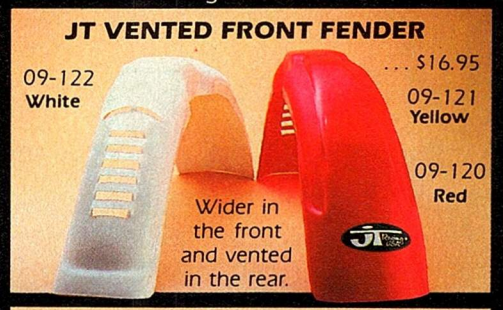
A revised version of the original.

JT SUPERCROSS 2 NUMBERPLATE . . .



09-347 Green
09-348 Yellow
09-349 White
09-350 Black

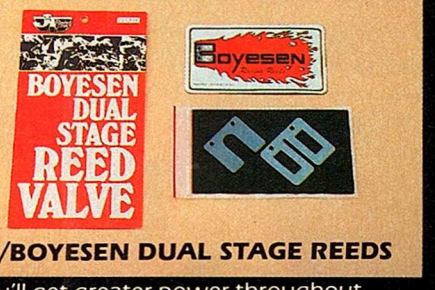
JT VENTED FRONT FENDER



09-122 White . . . $16.95
09-121 Yellow
09-120 Red

Wider in the front and vented in the rear.

PHASE TWO™ FOAM AIR FILTERS



JT/BOYESEN DUAL STAGE REEDS

The winningest dual stage air filter!

61-600 Suzuki RM 125X	$6.95
61-601 Suzuki RM 250-465X	6.95
61-652 Kawasaki '81 All sizes	8.85
61-652 Honda '81 All sizes	8.85
61-503 YZ 125, 250, 465 G & H	9.65
61-506 YZ 80 G & H	6.02
61-602 RM 80 X	6.02
61-493 RM N & T 125, 250, 465	7.55

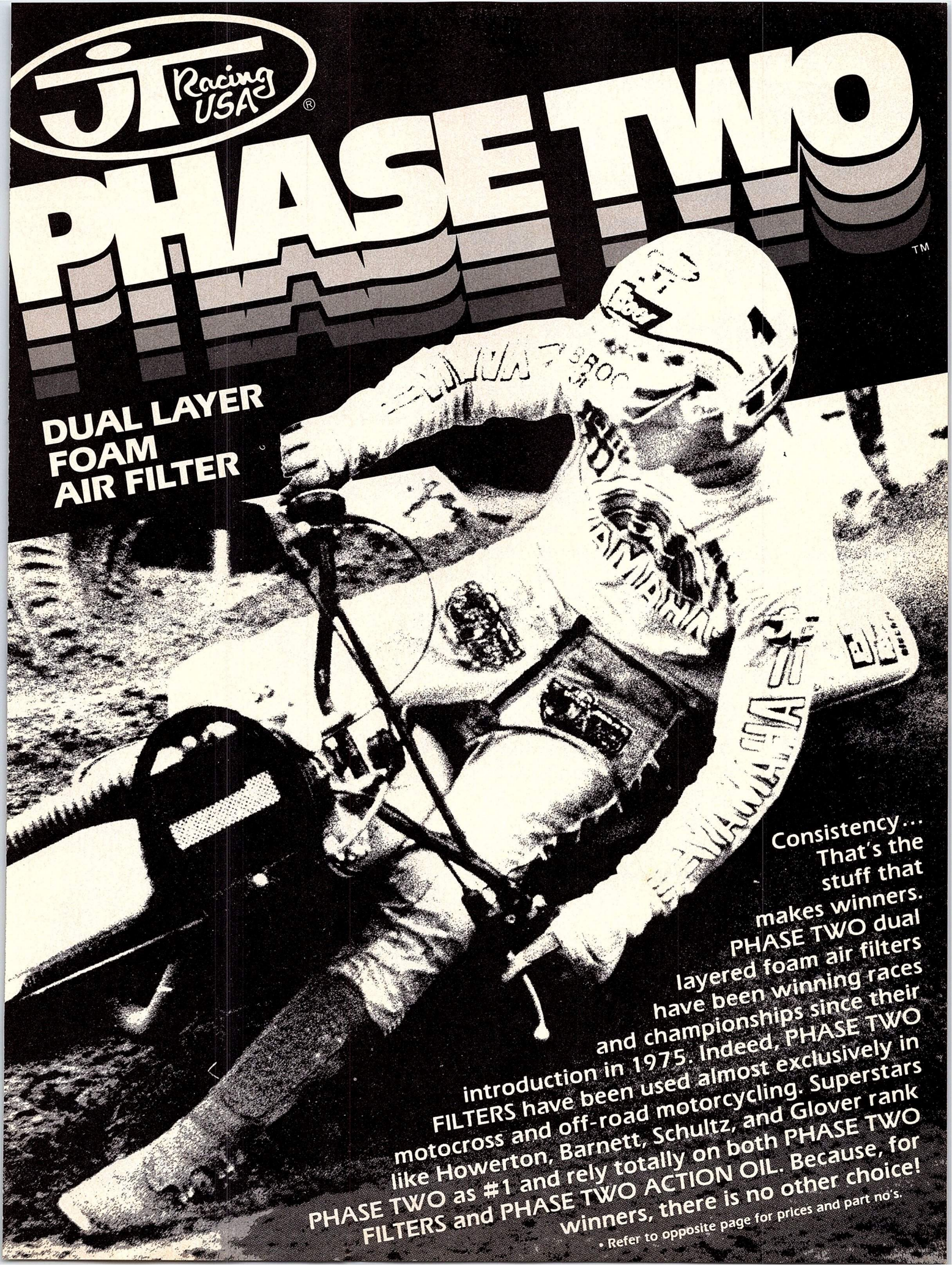
All of these available plus many more.

JT ACTION OIL®
Resistant to water and dust, this oil provides a special adhesive action that traps all foreign particles.

60-400 Action Oil–pints	$3.25
60-401 Action Oil–quarts	$5.25

You'll get greater power throughout . . .
TRUE BOLT-ON HORSE POWER!

YAMAHA		
YZ-H		
60cc	60-605	$20.15
80cc	60-616	
100cc	60-603	21.95
125cc	60-609	28.25
250/465cc	60-604	28.25
IT-H		
125cc	60-609	28.25
175cc	60-609	28.25
250/465cc	60-604	28.25
KAWASAKI		
KX		
80cc	60-605	20.15
125/250cc	60-608	28.25
420cc	60-608	28.25
HONDA		
CR-R		
125cc	60-606	28.25
250/400cc	60-607	28.25
HUSQVARNA		
CR&		
WR		
125cc	60-613	$19.80
250cc	60-612	39.55
420/430cc	60-612	39.55
MAICO		
250cc	60-607	28.25
SUZUKI		
RM-X		
125cc	60-614	
250/465cc	60-615	
PE-X		
175cc	60-600	10.95
250/465cc	60-601	11.95
KTM		
125cc	60-602	10.95

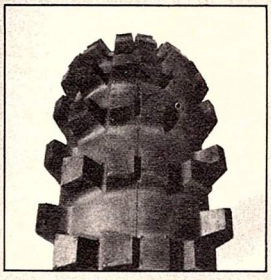

JT Racing USA
PHASE TWO
DUAL LAYER
FOAM
AIR FILTER
Consistency... That's the stuff that makes winners. PHASE TWO dual layered foam air filters have been winning races and championships since their introduction in 1975. Indeed, PHASE TWO FILTERS have been used almost exclusively in motocross and off-road motorcycling. Superstars like Howerton, Barnett, Schultz, and Glover rank PHASE TWO as #1 and rely totally on both PHASE TWO FILTERS and PHASE TWO ACTION OIL. Because, for winners, there is no other choice!
• Refer to opposite page for prices and part no's.

JT Racing USA

A BANNER DAY!

Sun-powered flight, Phase II air shuttle, Pirelli touchdown.

When pilot Chuck Sun made out his flight plan for the 500cc USGP, experience told him that the only way to victory on this hard-packed runway of Carlsbad, California was a totally ground-controlled approach. Knowing PIRELLI as the "ace" of ground control, Chuck decided to use one of their many landing patterns—the new SANDCROSS. Just as Chuck had calculated, PIRELLI controlled his ground speed, got him through all the high pressure areas, and helped him wing his way to victory through all the banks and turns as the tower announced a perfect landing for PIRELLI at Carlsbad, CA. USA!



62-018 4.25x18 . . . . $68.60
62-019 5.00x18 . . . $74.60

Qty.	Tire Description	Unit Price	Shipping Fee	Total
	Sandcross 4:25 x 18			
	Sandcross 5:00 x 18			

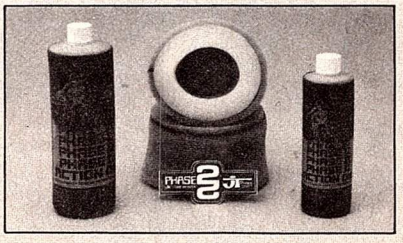
SHIPPING CHARGES MUST BE ADDED TO ALL ORDERS.
West of Rockies-$3.50 Mid West-$4.50 East of Mississippi-$6.50

Name _____
Address _____
City _____ State _____ Zip _____
☐ COD ☐ VISA ☐ M/C ☐ AMER. EXP.
Card # _____ Exp. Date _____

Send money order to avoid delay in shipping. All C.O.D. orders add $1.00. Calif. residents add 6fi sales tax. Allow 45-day delivery on orders placed with personal checks. For super-fast delivery call (714) 427-0971. Prices subject to change without notice. Dealers send for catalog on letterhead.

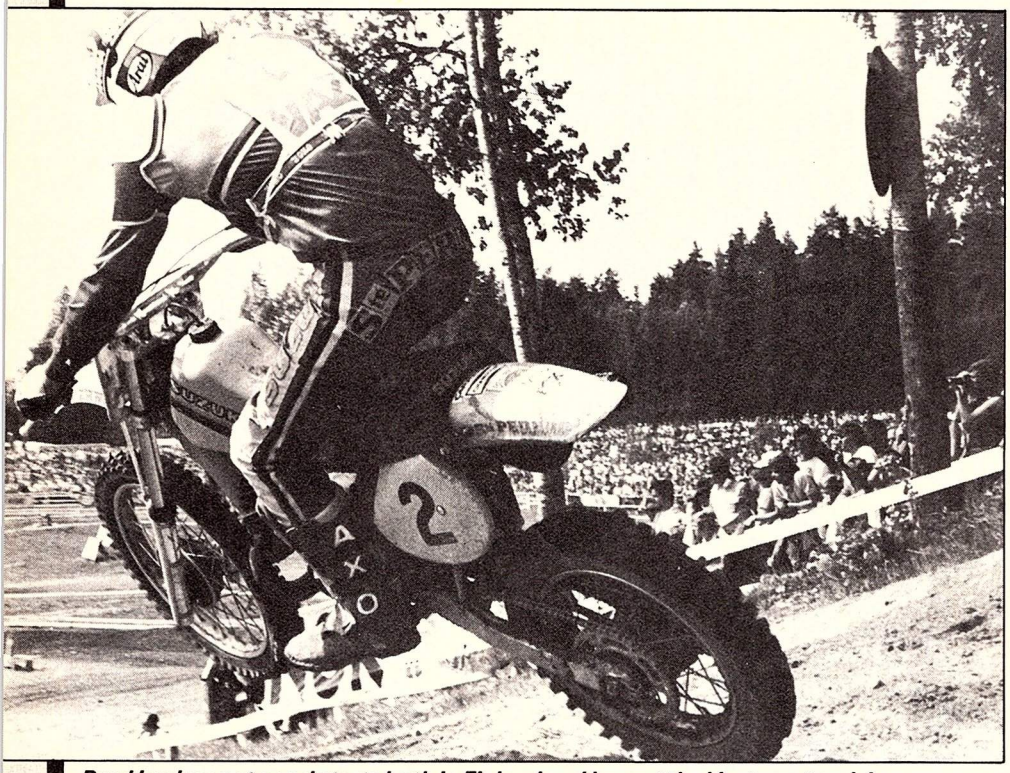
JT RACING USA 303 West 35th St., Ste. D, National City, CA 92050
(714) 427-0971 Telex No. 697-869

Sun proved himself air-wise when he chose a PHASE TWO two-stage foam air filter for support. After first-stage completion of dust trapping, the 2nd stage came to a rocket assist by giving even more breathing surface. JT ACTION OIL® controlled adhesion and was unaffected by the soaring heat of Sun. PHASE TWO is 1st—AGAIN! (To order, see page 28.)

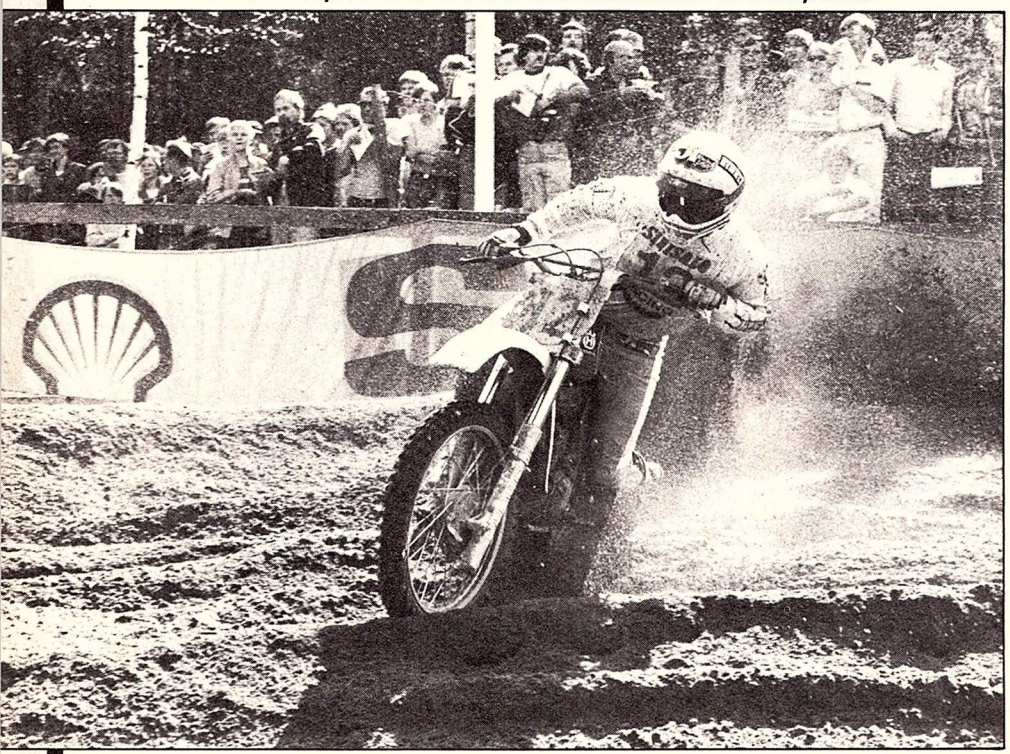


CHUCK SUN
WINNER 1981
CARLSBAD USGP

SCANDINAVIA:



Brad Lackey got good starts both in Finland and here at the Vasteras track in Sweden, but he was unable to hold position. His sixth at Finland and seventh in Sweden were both coupled with motos in which he finished with no points.



Marty Tripes and his Husqvarna have not been very compatible during the first four rounds of his first year of serious GP competition. Marty's contract is up for consideration after the USGP and neither of the two seem to want to continue together. Marty, however, wants to continue competing in the GPs... "This is where it's at."

Suomen & Sverige Grand Prix

Bet your money on Honda for the title

By Dick Miller

☐Andre Malherbe, the reigning 500cc World Champion, held a commanding point lead when the Grand Prix circus traveled to Scandinavia for rounds three and four of the 12-race 500cc World Championship series.

FINLAND

There had been a three-week break in the action prior to the Finnish and Swedish rounds, and when the riders arrived at the Vantaa track just outside of Helsinki, they were treated to the first sunny days of the motocross season. Unseaonally hot weather had melted all of the two feet of snow that had lined the track barely a week before the Finnish race; now there was a problem the sponsoring Vantaan Moottorikerho club had to contend with—dust.

There would be no problem of light, if the track needed to be worked on the night before the race—it doesn't get dark until almost midnight in Finland, and then it's light again only four hours later.

The Finnish race is very popular with the riders and mechanics. More than likely it's due to the friendliness of the people and the abundance of beautiful women. It's definitely not due to the language spoken there or because of the motocross track conditions. The Finns speak a language that hardly any other European country understands, and sometimes communication is very difficult.

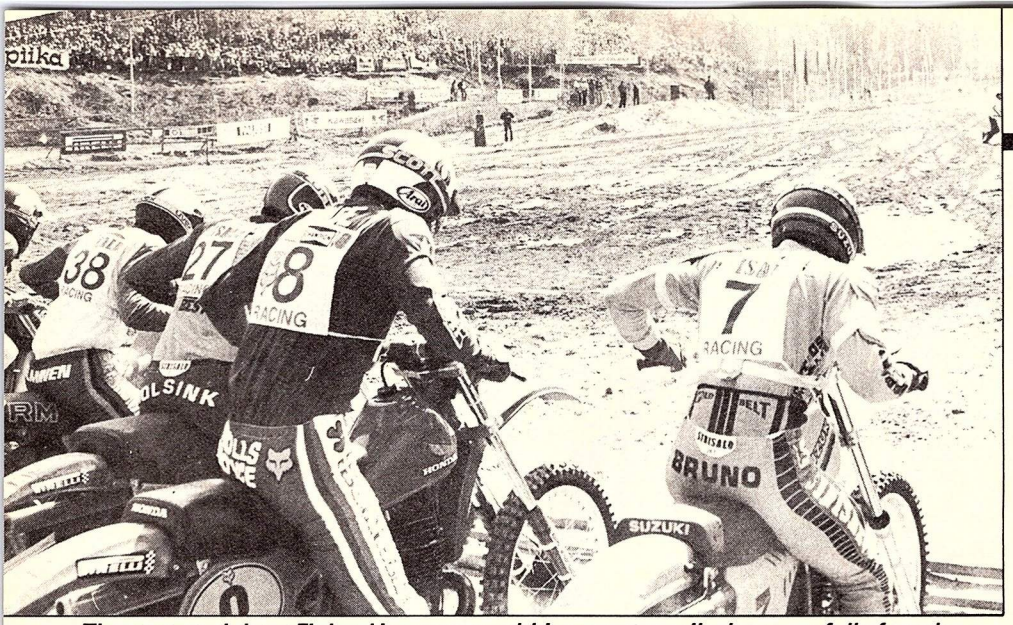
As for the motocross track, it's as fast as any American track I've seen. The sand causes it to become extremely rough, bumpy and dangerous as the day goes on.

During qualifying time, trials Yamaha riders Andre Vromans and Hakan Carlqvist were clearly the fastest riders on the course. There was much talk about Vromans since he was currently second in the standings behind his Belgian countryman, Malherbe, who was on the Honda.

With the flags of the competing nations unfurled, Hakan Carlqvist hurls himself down a Swedish drop.

500cc WORLD CHAMPIONSHIPS

YAMAHA
NGK
3
SDI
PIRELLI



The start straight at Finland is a power-robbing quarter-mile drag race full of sandy whoops. Suzuki's Jean-Jacques Bruno caught his foot between the peg and the ground after the start straight left-hander for a DNF and then came back to finish in the second moto. He started Finland third in the point standings and left Sweden in fifth.

500cc WORLD

It wasn't really necessary to have a good qualifying time in order to pick your spot on the starting gate—the start is a long, straight, sandy, 70-mph drag race to the first turn. Andre Vromans was the first into the turn at the start of the first moto and never looked back. By the end of the race he had pulled out a one-minute lead over the other Andre, who was in second place; England's Honda star, Graham Noyce was another 30 seconds back for third.

In the second moto, Vromans made a schoolboy mistake to lose the overall for the day's event. He had tenaciously worked his way up from sixth at the start, and by the 10th lap, Vromans was getting ready to pass the leader, Pikkarainen. As both were approaching some lapped riders, Vromans took the Finn on the inside of a turn for the lead and then decided to pass one of the backmarkers, also. As luck would have it, the guy moved into Andre when he tried to squeeze by; Andre went down. It would have been a sure win for the Belgian Yamaha star had he waited a few extra seconds. As it turned out, Andre was out for the moto and lost a possible 15 points, along with his second-place standings to Noyce.

Brad Lackey, riding for Suzuki, was nursing three broken toes on his left foot, caused by an accident a few weeks earlier. Before each moto, his trainer, Dean Miller, would bandage the foot, then inject Brad with a pain killer. Although he gated in second place in moto one, Brad couldn't hold the pace and by the finish had dropped back to sixth place. It was obvious Lackey's timing—and maybe some enthusiasm—was missing during the course of the day's racing. If *this* wasn't enough, his suspension was ailing, also. Entering the Finnish race (in his 10th year of GP racing), Brad was in ninth place in the point standings. Hoping for a more serious effort when competing for the World title, Brad was trying to stay a contender until his body healed.

Brad's second-moto ride netted him a mid-pack start. He moved into a points-paying position near the end of the moto but wasn't aware of it and he dropped off the pace to finish 11th.

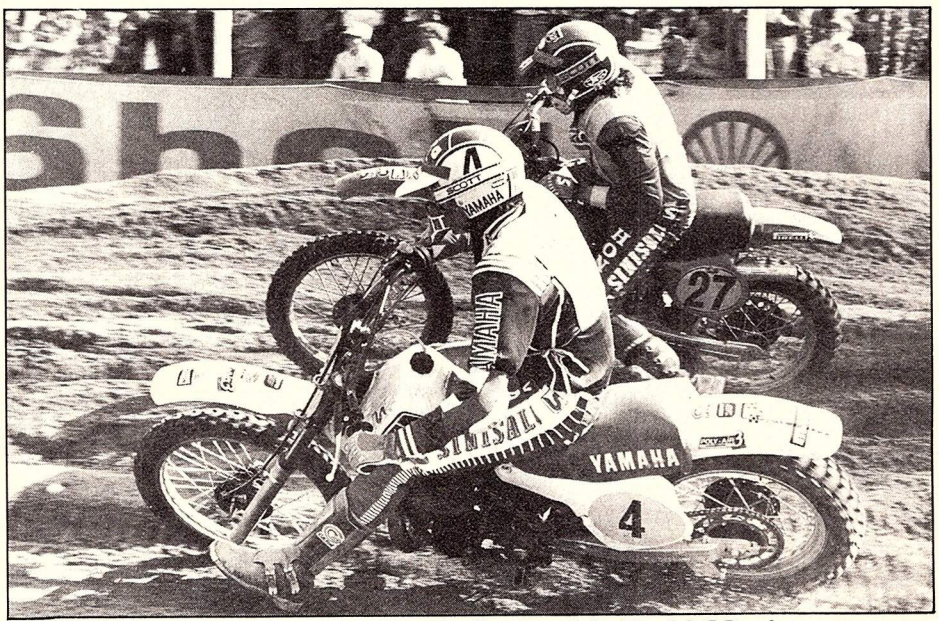
GP points pay back to 10th place, with 15 points for a first place and one point for 10th place. At many of the races, riders pull off the track when they reazlize they don't have a chance for some points.

A popular favorite with his home country crowd is Maico rider Tapani Pikkarainen. The Finnish star was a surprising fifth in the World point standings after two GP rounds and was a definite threat in the sand. Tapani's first-moto start had him in third place but he fell down and could not do better than ninth for his efforts. His second-moto ride had his countrymen cheering themselves hoarse for most of the moto after he passed early leader Jean-Jacques Bruno, who was riding Suzuki. After Vromans caught and passed Pikkarainen on the 10th lap, Vromans fell, letting Pikkarainen pass again. The crowd let out a huge roar, realizing they were probably going to have a Finn win their own race. When Pikkarainen actually pulled it off and crossed the finish line first, he was mobbed by the crowd. Heikki Mikkola, former World Champion and fellow Finn, was one of the group who was jubilantly tossing him in the air like a bean bag.

Gerrit Wolsink, who was riding very well on the distributor-sponsored Honda, was holding down nineteenth place in the point standings due to mechanical breakdowns. Finland wasn't any better for Gerrit. In the first moto, while running in the first five with only a few laps remaining, Gerrit caught a rock between his rear hub and chain guide and bent the sprocket. In the second moto, while holding a solid third, he broke his chain on the last lap—a couple hundred yards from the finish. (His mechanic had worked frantically before the first moto in order to change a seized main bearing in the engine.)

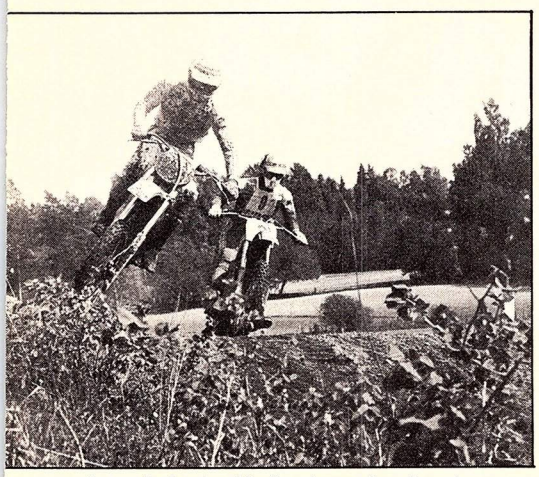
When Hakan Carlqvist wasn't also having his problems, he was one of the fastest riders on the track. Maybe too fast; he couldn't stay on his bike while playing catch up. His first-moto efforts were wasted by an apparently erratic ignition. Hakan was in good position in the first race when his Yamaha engine started acting up. Not knowing what was wrong with it, between motos they changed everything possible. In the second race, while challenging for the lead, Hakan fell and tweaked his forks, and then fell two more times trying to catch up.

The only other American rider in the field, Marty Tripes, was having problems



Yamaha-mounted Andre Vromans won the first leg of the Finnish GP going away and threw away the second with an impatient mistake. Gerrit Wolsink broke his chain a short distance from the finish line while in third place.

CHAMPIONSHIPS



It took Andre Malherbe only a few laps before he caught and passed the early leader, Maico-mounted Ivan Van den Broeck; he then roosted to an easy victory in Sweden's first moto. Ivan, also from Belgium, finished fourth and fifth in the two motos.

with enough points to hold second in the World standings. When he left, he was in third. In a dice with Jaak Van Velthoven during the first race, Bruno caught his foot between the footpeg and the ground and crashed. He recovered for a solid third in the second event but it hampered his riding so much that he didn't finish either moto the following week in Sweden. This would move him back to fifth in the World standings.

Despite an irritating throat infection, Andre Malherbe's two second-place finishes increased his lead in the point standings and clearly showed that he would be a difficult champion to dethrone.

SWEDEN

An 11½-hour ride on a ferry to cross the northern end of the Baltic Sea got most of the riders and their caravans from Helsinki to Stockholm, Sweden. The Vasteras track is almost another hour's drive northwest of Sweden's seaport capitol.

Race day was again hot and sunny and

Tapani Pikkarainen of Finland was tossed into the air by some of his countrymen for winning the second moto of the Finnish GP; first-moto winner, Andre Malherbe, finishes 11 seconds short.

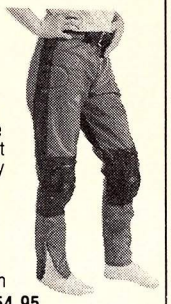
keeping his Husqvarna together. The 490cc Husqvarna wouldn't take the abuse of the GP motos, so Marty was campaigning the 430cc model. Even still, he was unable to keep a clutch working properly and was also experiencing gearbox problems. Marty's complaints of a lack of power and other mechanical ills were not setting well with his factory sponsors, and it was looking unlikely he would retain his ride after the USGP (when his contract was to be renegotiated).

In the first moto he was way back in the field and almost fell several times when the bike's gearbox kicked into neutral at crucial moments. In the second race he fell at the start and then began to ride like the Marty of old. Pulling Carlqvist by three seconds a lap, he had moved into a points-paying position with 10 minutes to go, then he unexplainedly pulled off the track and watched for awhile. It drove the Husqvarna people crazy . . . which, possibly, was his point!

Jean-Jacques Bruno, the French champion riding for Suzuki, came to Finland

Unless Graham Noyce, Andre Malherbe's teammate, has something to say about it, it looks like Andre will hold onto his number-one jersey for another year. Only DNF's will keep him from earning it. Brad Lackey broke three toes on his left foot a few weeks before the Finland and Sweden events and is not on his top form. He may be well out of reach of the championship by the time he's completely recovered.

THE LOWEST PRICES!!
THE HIGHEST QUALITY!!
THE FASTEST SERVICE!!



NYLON MX PANTS. Constructed of heavy weight nylon, these rugged pants feature thick hip pads and zippered pockets at the knees to hold closed-cell foam knee protectors. The seat and inside the legs get extra protection from a heavy vinyl pad sewn to the inseam. Other features include a zippered front with a snap closure and belt, and zippered ankle openings. Available in blue, red or black each with yellow trim. Sizes 22-38 . . **54.95**

MOTOCROSS JERSEYS. Ride in style with these rugged Motocross Jerseys. Choose your favorite manufacturer's name and team colors. The 50% cotton-50% polyester blend provides the soft comfort of cotton and the durable strength of polyester . . . more comfortable than vented nylon. The long, jersey-style sleeves mean additional warmth. Bultaco, Can Am, Hodaka, Honda, Husqvarna, Kawasaki, KTM, Maico, Ossa, Suzuki, Yamaha. Specify size: XS (child's). S, M, L, XL **12.95**

BELL MOTO III. The new Bell Moto III. Tested and developed by champions. The new Moto III sets new standards for safety and comfort. Features: smaller, lighter fiberglass shell for better balance, contoured to protect nose, mouth and chin (eliminates need for face masks), slotted air vents for increased air supply. The first integral dust filter. Fade resistant finish. Five snap visor. Distinctive Bell graphics. Sizes 6¾ thru 7¾. Red, Yellow, Blue or White **89.95**

PROLINE BOOTS. These heavy leather motorcycle boots feature a one-piece injected sole that is bonded and stitched to the uppers. An extra leather pad is sewn over the toe to prevent excessive wear from shifting. High impact shin plate for added protection They come with smooth sole and Enduro sole. Available in full sizes 6 through 12 ..... **99.95**

Complete Line of Metzeler Tires

BIG 4 INC.
MOTORCYCLE ACCESSORIES

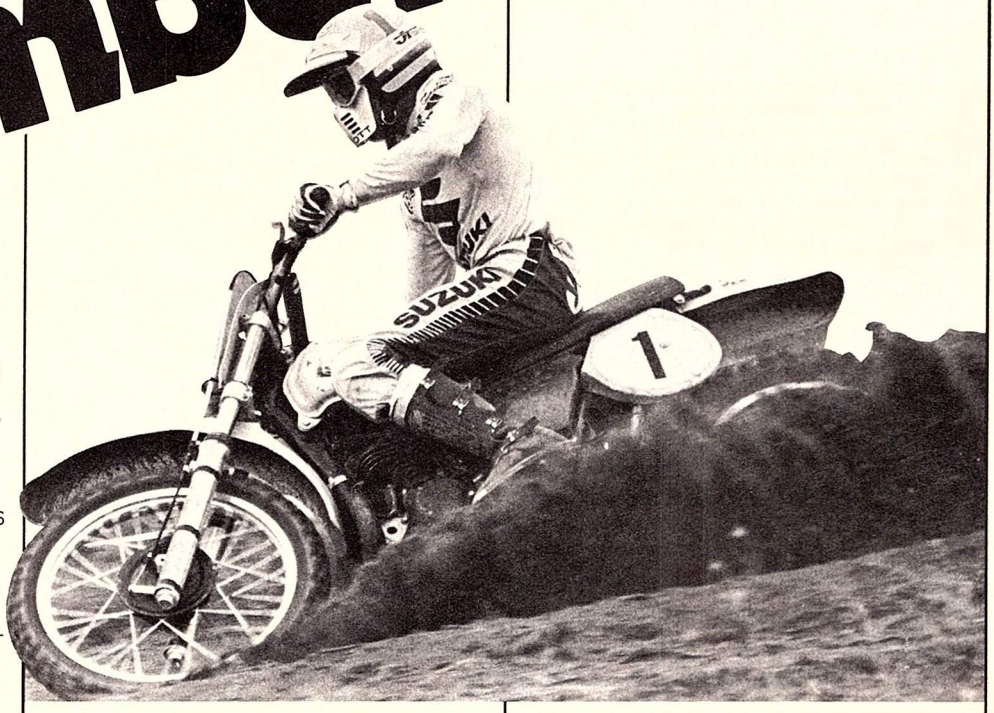
W. 300 Second Ave. • Spokane, WA
12004 Aurora Ave. N. • Seattle, WA
5212 S. Tacoma Way • Tacoma, WA

Order TOLL FREE 1-800-541-5550
In Washington Call

master charge **CALL FOR OUR FREE CATALOG** VISA

TEAM SUZUKI ACTION REPORT:

Howerton is Number One.



Team Suzuki rider Kent Howerton has captured his second straight 250cc National MX Championship.

Kent totally dominated the entire 1981 season by winning 13 out of 16 motos aboard his 250cc "Full-Floater."

Elsewhere Suzuki is winning big, too. Harry Everts is on his way to another 125cc World MX title. Georges Jobé is leading the charge for his second 250cc World MX title. And, Mark Barnett is ready to collect his second 125cc National MX title and the Supercross series championship.

Looks like Suzuki is number one!

AMA National Motocross Series

National Championship
Kent Howerton 250cc

Sacramento, CA
March 29, 1981
Mark Barnett 125cc
Kent Howerton 250cc

Orange, CA
April 5, 1981
Mark Barnett 125cc
Kent Howerton (2) 250cc

Lake Whitney, TX
April 12, 1981
Mark Barnett 125cc
Kent Howerton 250cc

Atlanta, GA
May 3, 1981
Mark Barnett 125cc
Kent Howerton 250cc

Southwick, MA
May 17, 1981
Kent Howerton 250cc

Mt. Morris, PA
May 24, 1981
Kent Howerton 250cc

Castle Rock, CO
June 14, 1981
Kent Howerton 250cc

Binghampton, NY
June 28, 1981
Mark Barnett 125cc

Florida Winter-AMA Motocross Series

Gainesville, FL
January 11, 1981
Mark Barnett 125cc

Cocoa Beach, FL
January 18, 1981
Mark Barnett 125cc

World Championship Motocross Series

France
March 29, 1981
Georges Jobé 250cc

Spain
April 5, 1981
Georges Jobé 250cc

Austria
April 12, 1981
Harry Everts 125cc

Czechoslovakia
May 24, 1981
Georges Jobé 250cc

Yugoslavia
May 24, 1981
Harry Everts 125cc

Poland
May 31, 1981
Harry Everts 125cc

Switzerland
June 14, 1981
Georges Jobé 250cc

France
June 14, 1981
Brad Lackey 500cc

AMA Supercross Series

Anaheim, CA
January 31, 1981
Kent Howerton (1) 250cc
Mark Barnett (2)

Seattle, WA
February 14, 1981
Darrell Shultz 250cc

Seattle, WA
February 15, 1981
Darrell Shultz (1) 250cc
Mark Barnett (2)
Kent Howerton (3)

Atlanta, GA
February 28, 1981
Mark Barnett (1) 250cc
Kent Howerton (2)

FREE...New 1981 Team Suzuki rider profiles.
Write U.S. Suzuki Motor Corp., P.O. Box 317, Encino, CA 91316.

Daytona Beach, FL
March 7, 1981
Darrell Shultz 250cc
Houston, TX
March 13, 1981
Mark Barnett 250cc
Houston, TX
March 14, 1981
Mark Barnett (1) 250cc
Kent Howerton (2)
Pontiac, MI
April 26, 1981
Mark Barnett 250cc
Kansas City, MO
May 2, 1981
Mark Barnett 250cc

CMC Golden State Series
Saddleback Park, CA
January 4, 1981
George Holland 125cc
Darrell Shultz Open Class
Huron, CA
January 25, 1981
Ron Turner 125cc
Saddleback Park, CA
February 15, 1981
Ron Turner 125cc-Pro

CMC-IRC Series
Saddleback Park, CA
March 15, 1981
Ron Turner 125/250/Open Classes

AMA ISDE Qualifiers
Top Qualifier 250 Class & Overall
Winner Frank Stacy
Tulsa, OK
March 21–22, 1981
Mike Rosso (1) 175 Class
Dean Joyner (2)
Frank Stacy (1) 250 Class
Jeff Fredette (2)
Ridgecrest, CA
April 25–26, 1981
Dean Joyner (1) 175 Class
Mike Rosso (2)
Jeff Fredette 250 Class
Ray Cosgrove Gold Medal, Open Class
McMinnville, OR
May 2–3, 1981
Dean Joyner 175 Class
Frank Stacy 1st in 250 Class & 1st Overall
Ray Cosgrove Gold Medal, Open Class
Bellingham, WA
May 9–10, 1981
Frank Stacy 1st in 250 Class & 1st Overall
Maplesville, AL
May 23–24, 1981
Frank Stacy 1st in 250 Class & 1st Overall
Livingston, TN
June 6–7, 1981
Mike Rosso 175 Class
Frank Stacy 250 Class

World Championship Road Race Series
Austria
April 26, 1981
Randy Mamola (1) RG-500
Graeme Crosby (2)
Hiroyuki Kawasaki (3)
France
May 17, 1981
Marco Lucchinelli (1) RG-500
Randy Mamola (2)
Graeme Crosby (3)
Yugoslavia
May 31, 1981
Randy Mamola (1) RG-500
Marco Lucchinelli (2)
Holland
June 27, 1981
Marco Lucchinelli RG-500

Imola 200 International Road Race
Imola, Italy
April 5, 1981
Marco Lucchinelli RG-500

Superbike Exhibition
Imola, Italy
April 5, 1981
Wes Cooley-Yoshimura GS-1000

AMA National Superbike Championship Series
Daytona Beach, FL
March 6, 1981
Wes Cooley-Yoshimura (1) GS-1000
Graeme Crosby-Yoshimura (2)

NHRA/NMRA Drag Races
Gatornationals, FL
March 12–15, 1981
Terry Vance-Pro Stock GS-1100
Southern Nationals, GA
April 25–26, 1981
Terry Vance-Top Fuel GS-1100
Southeastern Nationals, FL
May 2–3, 1981
Terry Vance-Pro Stock GS-1100
Mike Phillips-Supermodified GS-750
Spring Nationals, NH
May 23–24, 1981
Terry Vance-Pro Stock GS-1100
Mike Phillips-Supermodified GS-750
Spring Nationals, OH
June 13–14, 1981
Terry Vance-Pro Stock GS-1100
Midwestern Nationals, CT
June 27–28, 1981
Terry Vance-Pro Stock GS-1100
Mike Phillips-Supermodified GS-750

IDBA Nationals
Louisville, KY
June 6–7, 1981
Ron Turner GS-1100

500cc WORLD CHAMPIONSHIPS

the track needed water to keep the dust down. Qualifying was more important for the Swedish round because a choice starting position was important for the left-hand turn that followed the start straight.

Andre Malherbe was up to the task and qualified the fastest over the former Swedish World Champion, Carlqvist. The Vasteras course is another American-type track, even having a double jump on the long straight away adjacent to the pits. Although none of the European entries tried to clear the jump, it most assuredly would have happened had the race been in the States. Tripes at times seemed tempted, but common sense prevailed and he left well enough alone.

A lot of familiar Swedish motocross stars were in attendance at this event and some could probably still give the new stars a run for their money. Torsten Hallman, Hakan Anderson, Ake Jonsson, Torleif Hansen and Stefan Enquist, to name a few. Torleif, riding a KTM for Hallman Racing, did in fact beat most of the current stars at a mid-week race held in Sweden before the GP.

Ivan Van den Broeck, riding a mono-shocked Maico, grabbed an early lead in the first moto, but Malherbe wasn't to be denied, as he quickly disposed of Noyce, who was in second. Ivan then took the lead leaving little doubt that he was the fastest rider on the track.

Graham Noyce took second away from Ivan shortly thereafter, and then had to hold off a frantic charge by the local favorite, Carlqvist.

Noyce roosted Carlqvist, which created a problem with Carlqvist's contact lenses, thus causing him to back off. Noyce saved some energy and waited for a challenge by Carla at the finish, but when the challenge came, Noyce was barely able to beat the charging Swedish star—they finished one second apart at the finish line.

In the second moto, Andre Malherbe's ignition fried while holding a substantial lead. This allowed the two former World Champions, Noyce and Carlqvist, an opportunity to renew their battle for the lead. This time Noyce made sure he had a lot of space between him and Carlqvist before the final stages of the race; he coasted in with 13 seconds to spare. The win moved Noyce into second—and closing— in the point standings behind his Honda teammate, Malherbe.

Lackey's foot was better in Sweden but his suspension wasn't; he still wasn't competitive. His first moto had him in good position after the start, but he eventually moved back to finish seventh. His second moto was an 18th-place finish and a glad-it-was-over type of ride.

Tripes and his Husqvarna were still at odds with each other, and he finished a dismal 23rd after a bad start. In the second

[*continued on page 68*]

DARYL SHULTZ
photo by
Dick Miller

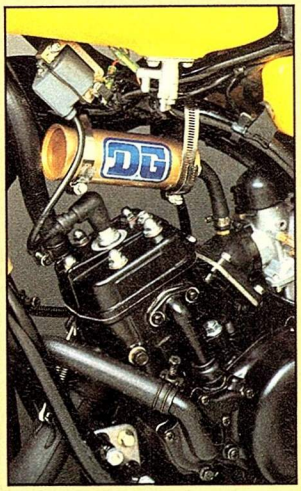
JOIN

team DG USA

ANDRE MALHERBE
photo by
Patrick Boulland

POWER CANISTER

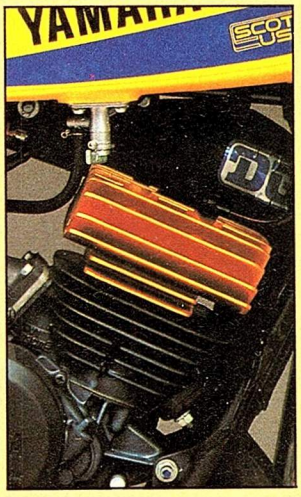
All new Power Canister eliminates throttle hesitation by making available a fuel charge the instant the carb slide opens. Each model individually designed and tested for optimum effect.



After checking several manufacturers DG has chosen this style made with high quality 6061 T6 Aluminum alloy and heavy duty fittings for less weight and increased durability. Easy bolt-on application.

$39.50

CR80 Power Canister	ACC-200-00-1
YZ80 Power Canister	ACC-200-00-2
RM80 Power Canister	ACC-200-00-3
KX80 Power Canister	ACC-200-00-4
CR125 Power Canister	ACC-210-00-1
YZ125 Power Canister	ACC-210-00-2
RM125 Power Canister	ACC-220-00-3
KX125 Power Canister	ACC-210-00-4
CR250 Power Canister	ACC-220-00-1
YZ250 Power Canister	ACC-220-00-2
RM250 Power Canister	ACC-220-00-3
KX250 Power Canister	ACC-220-00-4



RADIAL HEADS

The Gold One . . . DG's Radial Head! Radial design helps radiate more heat even faster! Result: head and exhaust temperatures are lower by as much as 100 degrees. All DG radial heads are anodized to a lustrous gold finish.

80cc	**$68.50**
100-250cc	**$73.50**

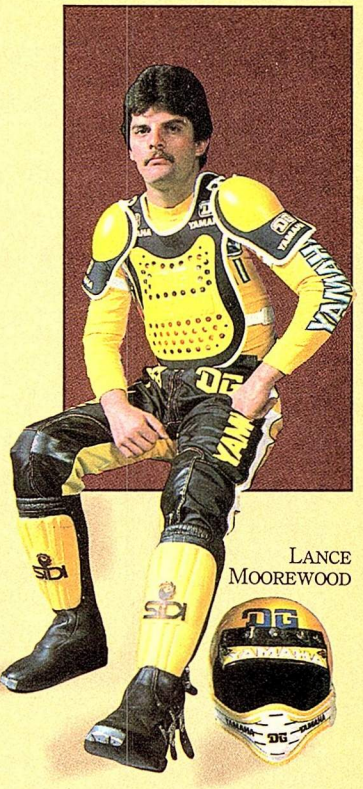
Note: KX80, RM80 All, YZ80E/F, RM125B/C and RM100C heads require use of DG's pipes. This is because stock pipes would require so much cutting to the head that there would be no cooling improvement.

Heads Available for:
CR80, 125, CR 250 R'80, ATC 250, ODESSEY. YZ80, 100, 125, IT 175, TRI MOTO. KX 80, KX 125 '80 & '81 RM 80, 100, 125, PE 175.

KOOL FLOW PADS

Team protection constructed of eight ounce Parapack nylon for lightweight. Sewn with super heavy nylon thread in military box-x stitching for long life backed with nylon tricot and coated with urethane to resist water. Hand washable, in five team styles. **$35.00**

HONDA Red
YAMAHA Black
SUZUKI Blue
KAWASAKI Green
TEAM DG Blue.



LANCE MOOREWOOD

TEAM RACE PANTS

DG's rugged MX pants are constructed from 100% color-fast nylon and top stitched with the same 100% nylon thread for durability. Genuine Canadian cowhide knees and crotch. Detailing the outer leg is heavy duty webbing trimmed with nylon cording. Velcro closures at the ankle make removal extra easy. Finished with a tough plastic zipper to eliminate rust and buckled with a quick release adjustable buckle. The lining is100% nylon tricot and contains detachable hip and knee pads made from 9 lb dense ethyl foam. The Saddleback rear end is both comfortable and stylish for all shapes.

When ordering indicate team and waist measurement. **$99.50**

CR125 R

SIDI BOOTS

The professional motocross boot worn by world champions demanding the highest level of quality and protection.

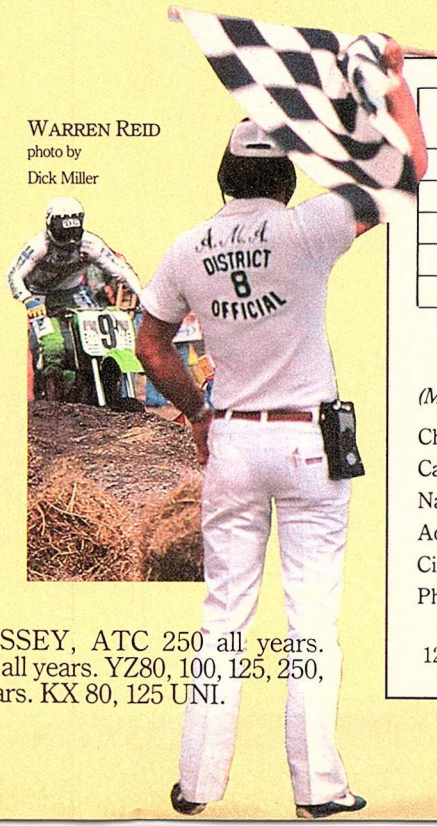
Sidi boots offer the impact resistant shin guard combined with the extra wear, smooth double stitched sole. Everywhere you look this boot shows "one off" quality from the steel toe tips, up through the unique, incredible easy quick release buckles. Topped off with circumference padding for an extra measure of comfort. When ordering please specify size and color. Available in Red, Blue or Black. Sizes 7–13. **$139.50**

PRO SERIES RACE PIPES

DG's PRO SERIES PIPE is an improved expansion chamber for your racer, proved by dyno-testing and race results to be superior to others on the market. At DG, Pipe technology is a continuous development program with each year producing more advanced and refined models. Each model is individually designed and race-tested; quality materials and workmanship further ensure high performance and durability. That's why we think the best competition pipe for two-strokers is the new DG PRO SERIES.

80cc	**$79.00**
100-175cc	**$89.00**
250-400cc	**$94.50**

Pipes Available for:
CR80, 125, 250, 450, ODESSEY, ATC 250 all years. RM80, 100, 125, 250, PE175T all years. YZ80, 100, 125, 250, 400, IT 175 TRIMOTO all years. KX 80, 125 UNI.



WARREN REID
photo by
Dick Miller

Start Here

QTY	DESCRIPTION (size, color, make & model)	PRICE
	California residents add 6% sales tax	
	$3.00 for shipping	
	(Minimum order $15.00) TOTAL	

Charge my ☐ MASTER CHARGE ☐ VISA
Card #_____ Exp. Date_____
Name_____
Address_____
City_____ State____ Zip_____
Phone#_____ Signature_____

DG Performance Specialties inc.,
1230 La Loma Circle, Dept. MX, Anaheim, California 92806
(714) 630-5471

We are the MXperts...

ready to share our secrets for just $12.98.

Motocross is a fast and furious sport filled with harsh realities, rapid technological changes, unplanned obsolescence, instant stardom and brutal fates. What was trick last month is bogus this week, and fashions change faster than Taiwan knobbies. *Motocross Action* doesn't believe in fads and foibles. It tells you what works, and more importantly, what doesn't work. Written by full-time racers for racers. *Motocross Action Magazine* is a straightforward, heads-up and an honest source of information. Information about the latest bikes, suspension setups, engine kits, the superstars and big races. No beating around the bush or side-stepping the issues. *Motocross Action* gives you hard facts and hot information so that you, too, can be a MXpert!

Face it . . . you don't want to spend your valuable time rushing from mag azine stand to magazine stand finding that last copy, when you can save over $5.00 off the single copy price of $18.00 and still get it delivered by your friendly mail man.

MOTOCROSS ACTION MAGAZINE

I agree, it's worth $12.98 to become a loyal MXpert. Enclosed is my check or money order for $12.98.

MX9-1

Send to: Motocross Action subscription dept. • Box 317, Encino, Ca 91316

Name _____

Address _____

City/State/Zip _____

Canadian add $4.00, other foreign add $5.00 additional postage and handling.

FANCY PANTS

LANCER BOOT SAVER MX PANTS

By Dennis "Ketchup" Cox

A stitch in time

☐ In the highly stylized world of moto-garbdome, what you're wearing is almost as important as what you're riding. Check out the 250 Junior class at your local track sometime. Glancing down the starting line, your firsthand impressions of riders are usually formed by what they look like.

Never mind that Joe Spudnik in his tie-dyed jeans, rugby jersey, garden gloves and $10 helmet can smoke stylishly-attired Johnny Gofaster. Everyone wants to look like Johnny Gofaster.

Style does count in motocross and the numerous accessory manufacturers are living proof of that. When something is both stylish and functional then you've got a really big hit in the motocross aftermarket.

Lancer is a company that has already established a reputation for comfort and fit when it comes to motocross pants. Boot Saver motocross pants are the latest addition to their lineup of off-road wear.

Boot Savers are regular nylon motocross pants with built-in extensions that wrap around the boot and keep mud, water and lizards from creeping inside your boots during a moto. This, as Frank Zappa would say, could leave you with a severe case of "stinky foot."

An added bonus to the boot-saver design is that it makes ordinary motocross pants look uniquely different. Quite the stylish units, actually.

Our pair has seen quite a bit of duty on the fabled SoCal motocross proving grounds and has stood the rigors very well. An unexpected get off that left a hapless test rider with a fractured knee managed to tear off the first few stitches to the extension seam, but outside of that, wear and tear has been minimal. Lancer used nylon throughout their pants after extensive testing showed it to be more durable than any nylon-leather combination they could devise. Many months of testing went into these pants before they were released to the public.

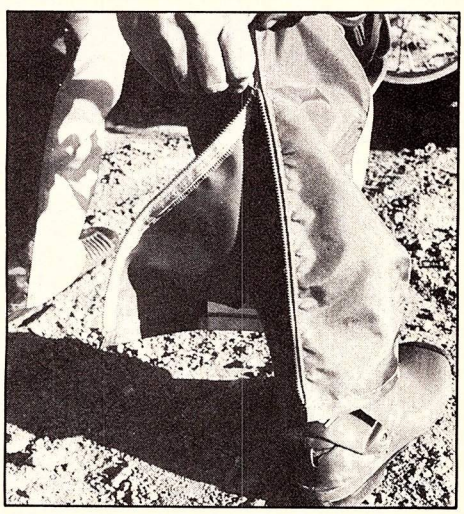
We tested the 503 nylon GP Team pants with Boot Savers. They retail for $109.50, but Lancer sells regular nylon motocross pants without the boot savers, knee cups and hip pads for $89.50. They also sell a new add-on boot saver for $20 that will fit over anyone's leathers.

Our Boot Saver motocross pants performed as intended and we never had any complaints about mud, water or lizards getting inside! Besides . . . they felt quite comfortable. High-quality zippers are used on the backs of the boot savers and are simply unzipped to put on and zipped back together again over the boots. The fit, even over Scott boots, was very good. Boot Savers are a new and unique idea proving that form can follow function. Lancer Boot Saver motocross pants are available in a combination of colors: black, white, blue, yellow, green or red.

Lancer, 2007 West Peoria, Phoenix, Arizona 85023; (602) 944-1783. ☐

Boot Saver motocross pants are the new rage in moto-wear. Jody models his set for the camera.

The Boot Savers fit comfortably around all types of boots and were a cinch (zip?) to get on.



Zippers were the heavy-duty types and worked well.

RACE TEST

HUSQVARNA 430CR

Dirt's in, tide's out

☐ Husqvarna seems to have turned the tides for themselves and European motorcycles in 1981. Surprising changes cropped out of the Swedish manufacturer, including a new 430cc, primary kickstart, reed-valved, six-speed motor. Paired with 40mm Husqvarna front forks, Ohlins rear shocks, chrome-moly frame, magnesium motor, aluminum silencer, side-pull throttle, Mikuni carb and recalculated geometry, the Husqvarna takes the cake as the best all-around Open class bike on the market today. While not the fastest bike we've tested, or the best suspended, or most precise, the Husky is so close to the top in every category that it doesn't exhibit any major flaws.

CAN I WIN ON THE 430?

Husky's 430cc's makes it the smallest of the popular big-bores, but it has such an easy-to-use, flexible and tractable power that the engine doesn't give any ground in the pony department. The complete package gets the job done with a very distinctive, almost classy way—sort of *suave faire*. It is not above criticism; perhaps even more open to criticism because it doesn't have a dominant personality in power, handling or suspension.

Husqvarna has the best dual-shock rear suspension on the market, and the second-best rear suspension of them all. High-quality Ohlins shocks and a straightforward chrome-moly swingarm make the rear of the Hooska a joy to ride. While the Full Floater is a shade better on the rear, the Suzuki doesn't have the overall front and rear combination that the 430CR has. Husky's 40mm front forks work very well. We drained the stock oil, added 460cc's of 15-weight oil to each leg and ran no air. (Some riders preferred 10-weight fork oil for a lighter feel.)

The Husky is long and stable, but because of the new outboard-mounted shocks and slightly changed front-end geometry,

96

Thanks to its long, stable and forgiving geometry, the Hooska is fun to fly and plush on the landing.

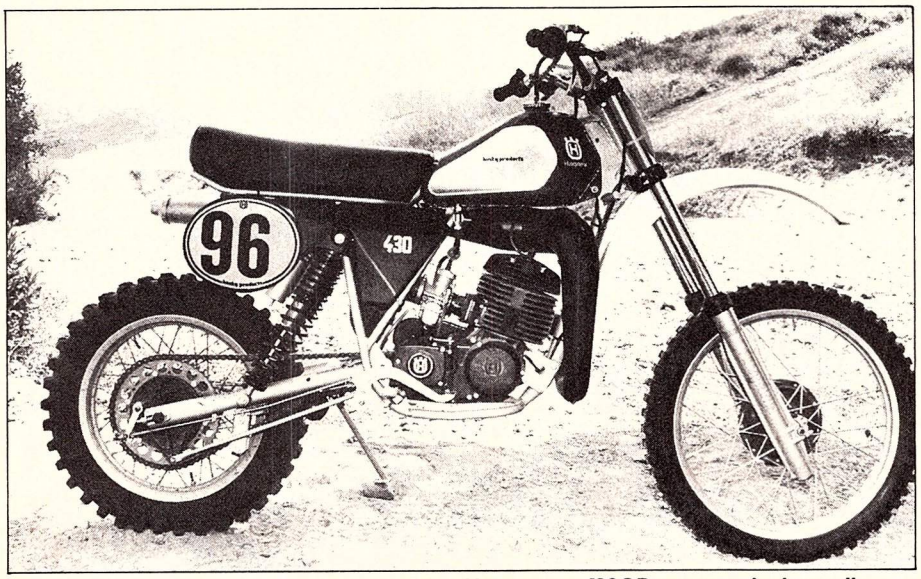
it isn't sluggish. Turning response is first-rate. Without a doubt this is the best-handling Husky ever. The front end tucks under nicely in tight corners, but hangs nice and high in berms. Of all the Open class mounts that we've tested this year, the Husqvarna is the most comforting, forgiving and versatile handling package.

HOW FAST IS IT?

Most of the 1981 Open class bikes make the same amount of power—about 43 horsepower. The exceptions are Maico and KTM who pump out close to 50 hp. Every engine is different, and the amount of ponies isn't as important as what they are like. The Suzuki is a short-shifter; the Maico is a long, strong puller; the Honda is a snappy low-end motor. It is here that the Husqvarna gets credit for having a different kind of power. The Hooska pulls nicely on the low end, cleanly through the middle and right on to a healthy top end.

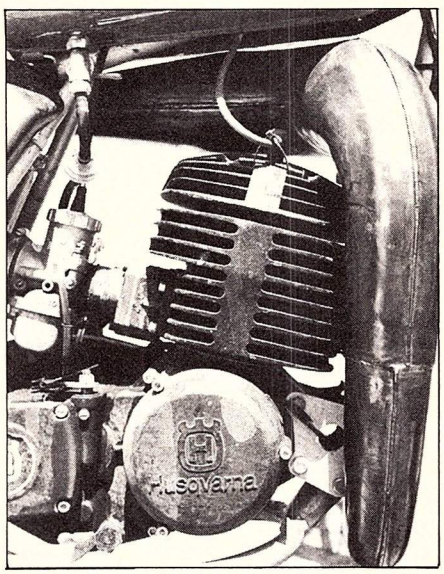
The powerband is for every man and can be used as a short-shifter, stump-puller or high-rpm rocket. Successful Husky privateers like to turn a lot of rpm and rev it, but the 430cc, reed-valved, magnesium motor can be ridden at play, trail race or GP speed without giving away any secrets.

HUSQVARNA 430CR



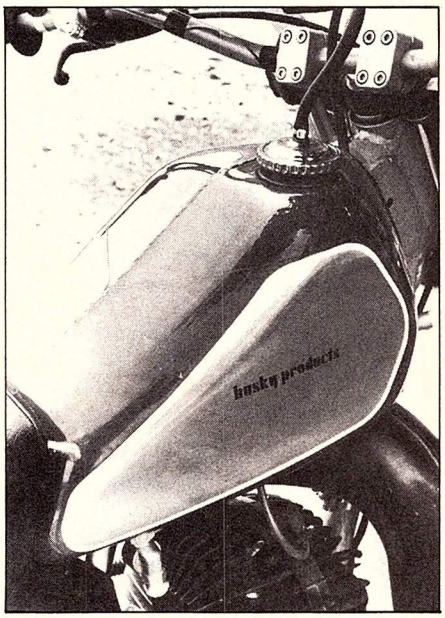
Distinctive-looking and effective, the new Husqvarna 430CR rates as the best all-around Open class bike of 1981.

Getting a little hang time. The Husky 430 handles better than its specs would lead one to believe.



All-new magnesium motor incorporates primary kickstart, reed valves, 38mm Mikuni, Motoplat CDI and good, strong vibes.

Excellent forks, with little more than an oil change, grace the front. The brakes, borrowed from the enduro bikes, were better than previous units.



Aluminum gas tank is short, stubbier and neater-looking. It also gets your buns farther up in the turns—and that makes the 430CR work.

Husqvarna is the only motocross bike to come with a complete 30-day warranty. If it breaks, they fix it at no expense to you. That's great.

Problem areas on the new motor seem to be isolated to the clutch basket and an occasional shifting dog.

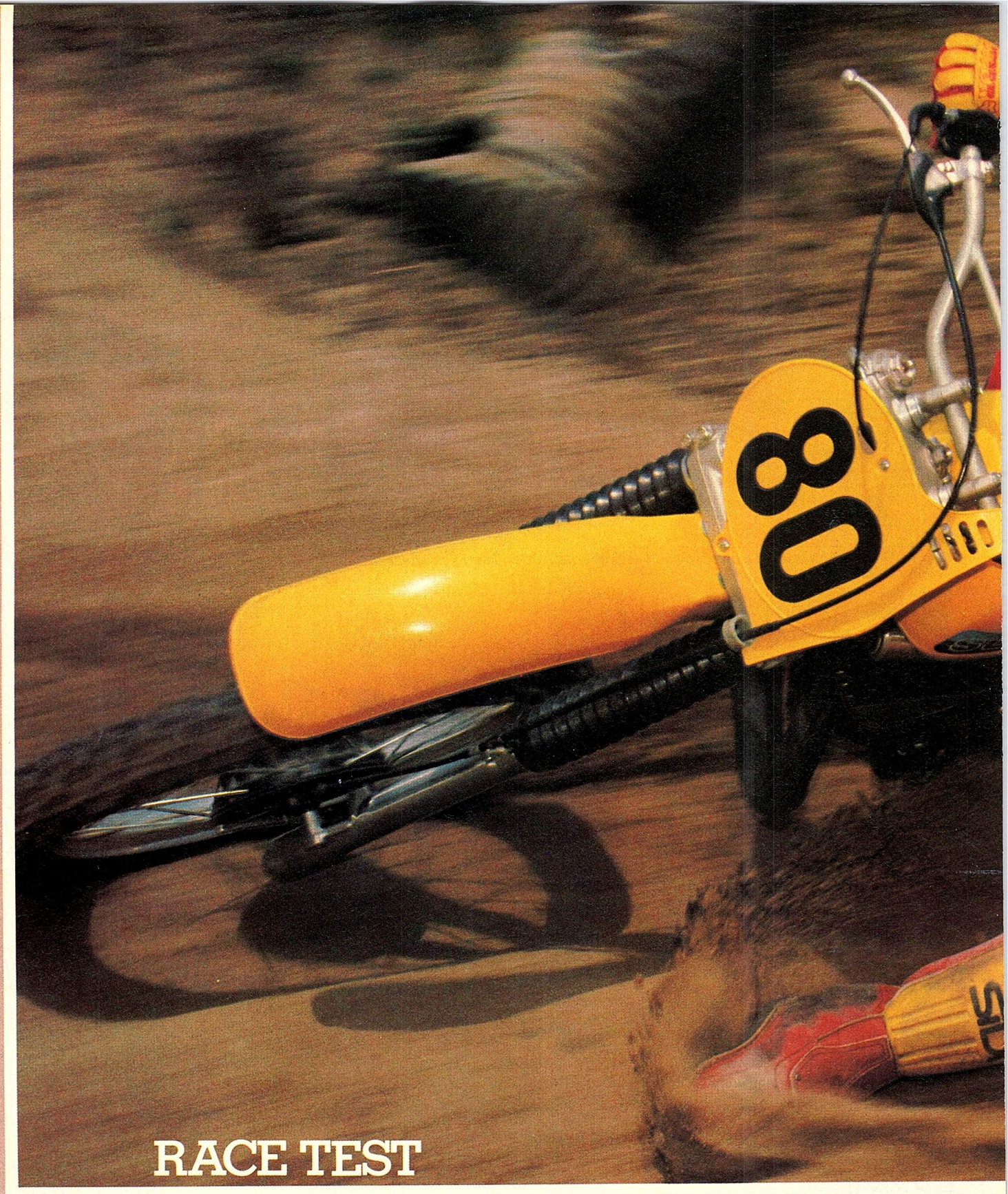
HOW DOES IT HANDLE?

When you have a 430CR on the pipe and roosting, there is a feeling akin to flying. The soft front and rear suspension units and the long, stable frame float like a butterfly. Over jumps and whoops, the Husky tracks like no other bike. It has been set up over the years to accommodate rough terrain. In the past, this straight-line stability was the forte of the Husky, while getting it to turn wasn't always that easy. Husqvarna found a way to keep the CR straight and smooth, and still have it turn. It really is a marvel.

Check the nitrogen pressure in your Ohlins often; replace the stock grips with smaller-diameter Oakleys or Jones Ourys; space out the rear sidepanels so the pipe doesn't melt them; put tank protectors on the expensive aluminum gas tank and silicone seal around the airboot on the black plastic air box.

SHOULD I BUY ONE?

The Husqvarna 430CR is the best all-around Open class bike on the market. It has good forks, good shocks, excellent components, first-rate handling and decent power. It is an out-of-the-crate contender that has turned the tides in the favor of the Europeans. □



RACE TEST

SUZUKI RM465X

Turnabout is fair play

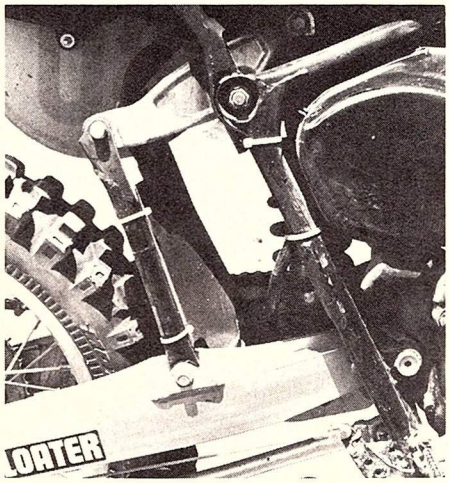
☐ Don't be surprised when the starting lines begin to look like a Suzuki-owner's convention. Startling turnabouts are commonplace in motocross, and Suzuki has pulled one in 1981. After a few years of sitting on their hands, the Hammamatsu engineers got together a great 125, good 250 and the new RM465X, just barely in time to dominate the local tracks by the summer.

CAN I WIN ON THE 465?

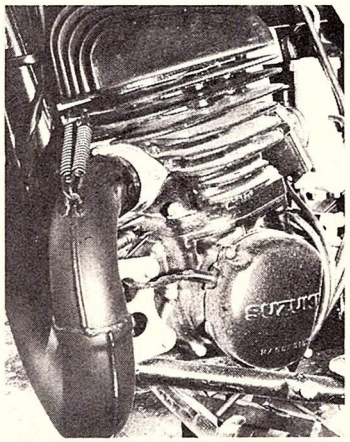
Choosing the very questionable displacement size of 465cc's was probably a marketing decision, but the YZ465 and the RM don't run anything like brothers. A good rider will find the RM465 to be a Dr. Jekyl and Mr. Hyde sort of machine. Standout areas of performance are rear suspension, overall design and finish; disappointment comes from poor front forks, rotten stock jetting and some outdated components.

Full Floaters are the rage, and the reason is simple. They work better, are easily adjustable and offer very little in the way of maintenance hassles. With the power on and the rider's weight back, the RM465 will work its way through the roughest,

Good midrange rush and quick steering make things happen fast on the big Zook.



What makes the best suspension in motocross today? These funny struts and cast rocker arms.



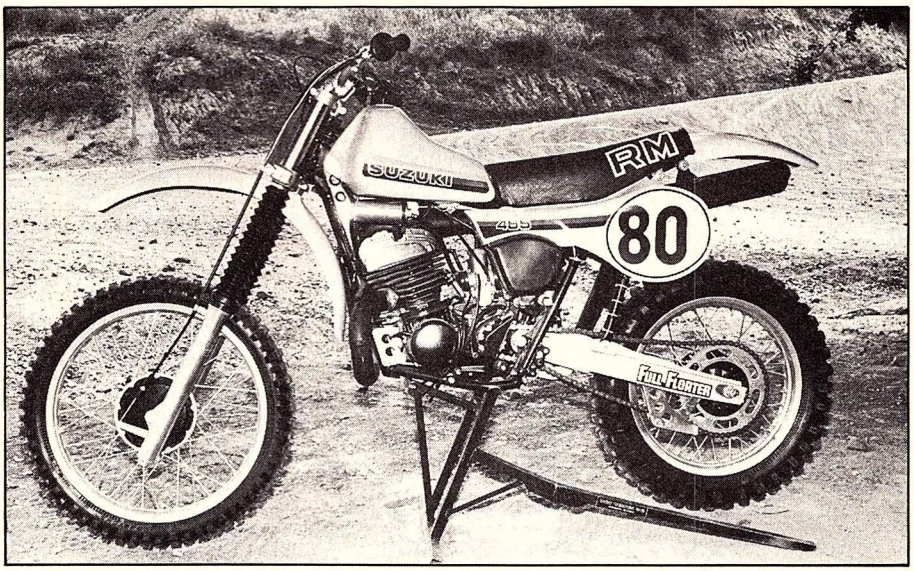
Two-stroke behemoth needs an improved set of jetting specs to make it work. Regardless of size, the RM feels light for an Open bike.

By and far the best hubs ever put on a production bike. Spoke-tightening will become a lost art.

gnarliest-looking garbage that a motocross track can throw at it. The rear end is soft, plush and supple. It tracks straight and resists all urges to kick or swap—unless the rider gets up forward. If you don't stay back on the big 465 Suzook, it will get a little busy.

The best reason for staying away from the front end is that the 43mm Kayaba forks are very poorly set up. The travel is short (11.2 inches compared to 12.5 on the rear) and the damping is mushy. Paradoxically, the legs and sliders are almost identical to stock 43mm Yamaha forks, but the YZ uses better dampers. With the stock RM dampers, the hot setup is to go to five-weight oil and raise the oil level until you can eliminate the need for air pressure. Our recommendation is to replace the damper rods with a White Brothers fork kit. which will give them even better feel than stock YZ goodies.

Once you have the rear and front tracking on the same plane, the motor will cause some grief. Stock jetting is atrocious. So bad that the RM runs like a wheezer on the bottom. We recommend, for our locale (you'll have to test for your conditions), a 35 pilot, clip-in-the-middle position, 310 main jet and the changing of the stock 2.0 slide to a 2.5 slide. We reduced our slide cut-away on a belt sander to 2.5. This is a jetting that we could live with, but fine-tuning only *starts* at that point.



Looking a little cluttered, but businesslike, the RM465X has a few flaws keeping it out of the top spot—by the slimmest of margins.

Components that Suzuki did not supply with the RM models this year include good-quality power-bend levers, straight-pull throttle, decent cables, folding shifter, brake lever or an aluminum silencer.

HOW FAST IS IT?

Suzuki's new reed-valved (not case reeds), 465cc motor turns out a healthy

CARRY ALL

Stand out *in the crowd with the finest quality and best looking gearbags ever designed. Available only from Answer Products. The large bag can easily handle everything – boots, leathers, jerseys, shoulder pads and helmets. The smaller bag is great for helmets, gloves, goggles and leathers without being bulky. Both of these well designed double-stitched bags are made of heavy duty nylon, are completely washable and close with a jam-proof zipper. These brilliantly colored bags are designed with outstanding graphics so you can carry your gear in style. Comes in all the major team colors with permanently silk-screened eye-catching graphics.*

Large $32.95

Small $24.95 Specify team & size.

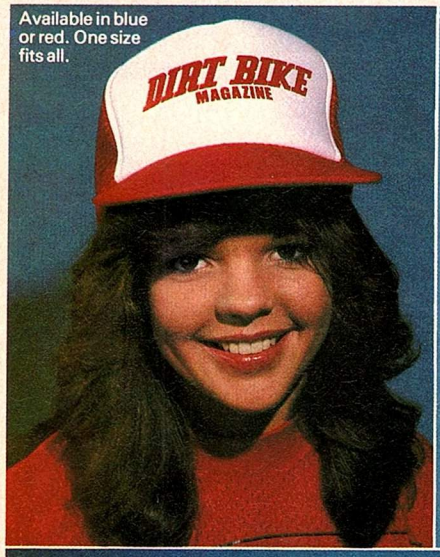
☐ Honda ☐ Maico
☐ Yamaha ☐ Suzuki
☐ Kawasaki
☐ Answer Products
☐ Yellow bag w/black
☐ Red bag w/yellow

Send money order to avoid delay. Add $1 for handling. Foreign orders add 10% prepaid in U.S. Funds. CA residents add 6% sales tax.

Name _____
Address _____
City/St/Zip _____

ANSWER PRODUCTS, INC.
7846 Alabama Ave.
Canoga Park, CA 91304
(213) 340-1083

answer products



Flash 'em your true colors—join the Action Team

CAPS—The perfect fit for all seasons. One size fits all.

WALLETS—Strong, durable, brilliant colors, holds all kinds of money. Special see-through plastic card holder included. Don't delay. Order now!

I CAN'T WAIT—SEND ME:

MOTOCROSS ACTION Wallet: ☐ RED ☐ TAN ☐ BLUE
DIRT BIKE Wallet: ☐ RED ☐ TAN ☐ BLUE
$7.95 each plus $1.50 postage and handling.

MOTOCROSS ACTION Cap: ☐ RED ☐ BLUE
DIRT BIKE Cap: ☐ RED ☐ BLUE
$6.95 each plus $1.50 postage and handling.

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

Make checks (U.S. funds) payable to **Plus Products,**
P.O. Box 1450,
Encino, California 91316

Canadian add $1, other foreign add $2 (U.S. funds).

MX9-1

RM465X

Fork problems take a lot of fun out of the flight time. Getting them right means a lot of trial-and-error testing.

midrange rush. A quick description of Suzuki's powerband is that it is like a Maico 490 without the generous top and bottom. The RM is definitely a short-shift, pump-the-lever, keep-it-in-the-middle motor. Holeshots are possible, even against a more powerful motor—that chunk of mid-range is healthy.

Smart riders try different countershaft sprockets to get the third-gear power mated to their personal track and riding style. Stock, it is perfect for Saddleback, but a touch too low-geared for a faster track like Lake Whitney.

Mention should be made of the countershaft itself. During our test period on the track, a number of Suzuki RM465s sheared the countershaft off directly behind the sprocket. It has the makings of a problem, and Suzuki is aware of this possibility. To us it looks like a bulletin will be necessary. Check with your local dealer.

HOW DOES IT HANDLE?

Good and average is the best description of the handling. Thanks to the great rear suspension, a racer can get in hotter and deeper; but with the mediocre front forks, the stocker dives and wiggles. It feels like you are riding downhill, and with motocross' undulating weight shifts, the front end tends to shake its front forks on rough ground (thus the recommendation to stay back). On quick, tight tracks the RM is super. It turns sharply, never washes, and likes to be worked hard in the turns. But the downhill racer doesn't like to stay on berms or go through turns with braking bumps. The problems are solvable, and next month we will follow up.

SHOULD I BUY ONE?

For several reasons, it is the best buy of the Japanese Open class bikes, but when classed against the European behemoths, it only has price and rear suspension going for it. □

maico works

Meister PRODUCTS

1981 CATALOG

OK! So now you own the finest motorcycle available. But where do you find the ultra trick stuff like the factory team?

SIMPLE. The Meister catalog, the Maico connection to the super-stuff. Packed with parts, helmets, pants, t-shirts, gear bags, jerseys, etc.

Send $2.00 to **MEISTER** Products

WEST 110 E. Santa Anita Ave., Burbank, CA 91502
EAST 1256 Progress Road, Suffolk, VA 23434

HOT SEATS

Answer Products *now offers you two great products for your sitting comfort. The "Works Protector" seat cover, just like the factory riders use, is designed to cover your seat and provide padding over your tank, giving you more manueverability. The cover is easy to install and comes with complete instructions. $29.95*
Available for the following models:
YZ80H, YZ100/250/465 F-H, YZ125 D-H – RM80 N-X, RM125/465 X – CR125/250/450 RB – KX80-81, KX125/250/420 81 – Maico Mega2

Solve that torn seat *cover problem with an Answer Products heavy duty replacement seat cover. They fit your seat exactly and are easy to install by following the instructions. Both the "Replacement" and "Works Protector" seat covers are made from extra-heavy naugahyde and the seams are double-stitched with nylon thread for long lasting wear. So get the seat covers like the "Works Bikes" with the team names printed on the sides. And for you Yamaha riders we offer the exclusive "Hannah Bolt" cover just like the one Bob rides on. Regular team: $17.95 "Hannah Bolt" (Yam. Only) $19.95*
Replacement covers available for:
Yamaha IT/YZ/TT (all) – Suzuki RM/PE (all) – Honda CR/XR (all) – Kawasaki KX/KDX (all) – Maico (all) – Can-Am MX (all)

CALL FOR MODELS NOT LISTED

ANSWER PRODUCTS, INC.
7846 Alabama Ave.
Canoga Park, CA 91304
(213) 340-1083

☐ **Works Protector Reg. $29.95**
☐ **Works Protector "Bolt" (Yamaha only) $29.95**
☐ **Seat Cover Reg. $17.95**
☐ **Seat Cover "Bolt" (Yamaha only) $19.95**

Dealer/Distributor inquiries invited.
Available through your finer motorcycle dealers or through us. *Send money orders to avoid delay. Add $1 for handling. Foreign orders add 10% prepaid in U.S. funds. CA residents add 6% sales tax.*

Make ____ Model ____ C.C. ___ Yr ___
Name ____
Address ____
City/St/Zip ____
Phone ____ Catalog $5.00

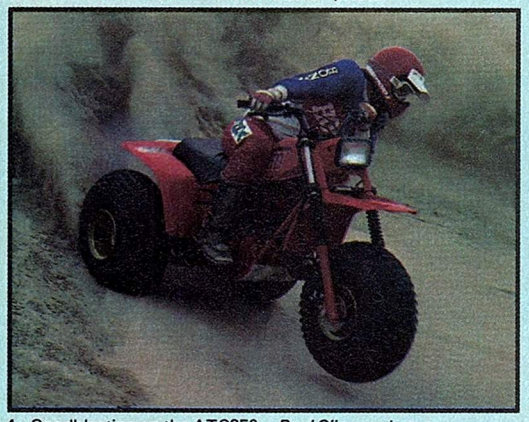
answer products

YAMAHA

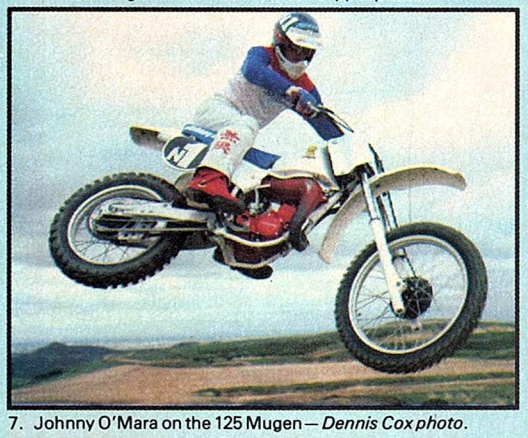
THE ALL NEW ACTION POSTERS ARE HERE

ORDER NOW!

1. Flyin' Four-Sixty-Fives— *Rick Sieman photo.*

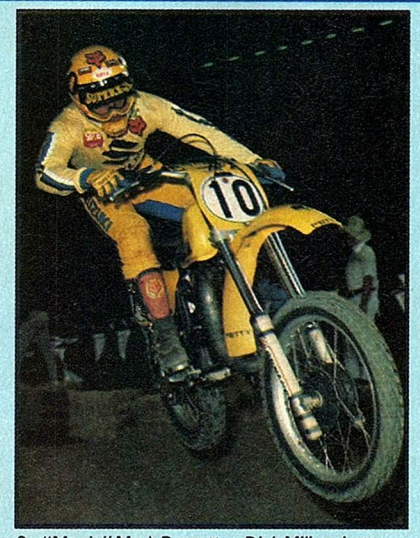


4. Sandblasting on the ATC250— *Paul Clipper photo.*

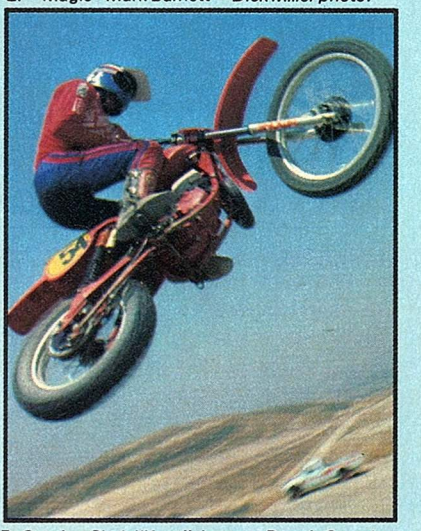


7. Johnny O'Mara on the 125 Mugen— *Dennis Cox photo.*

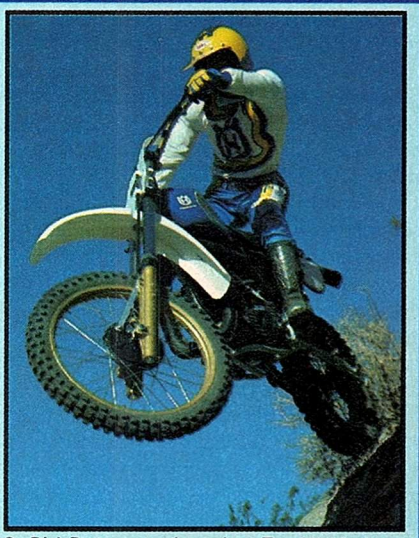
8. Bob Hannah at Mid-Ohio GP— *Dick Miller photo.*



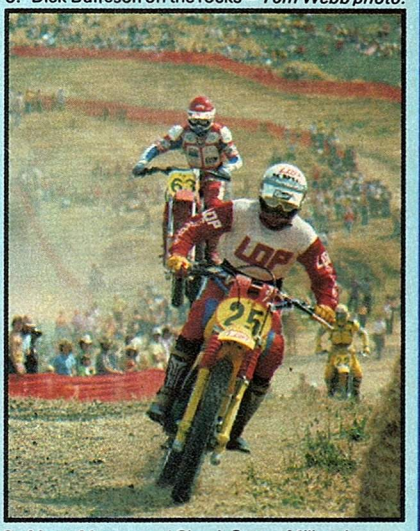
2. "Magic" Mark Barnett — *Dick Miller photo.*



5. Soaring Clark "Kent" Jones— *Dennis Cox photo.*



3. Dick Burleson on the rocks— *Tom Webb photo.*



6. Marty Moates and Chuck Sun — *Miller photo.*

So real—so close up—it's like bringing a ton of dirt, yards of banners and lots of major motocross stars right into your own room. If you've got a wall to call your own you've got to hang these posters!! All in beautiful full-color. Each 17 x 22-inch poster is only $3.50 (plus $1.50 postage and handling) or a group of four for $12 (plus $2 postage and handling).

PLUS PRODUCTS, INC.
P.O. Box 1450, Encino, California 91316

Enclosed is a check or money order for $_____.
Send me the posters circled below:

1 2 3 4 5 6 7 8

Posters are $3.50 each, plus $1.50 postage and handling, or in groups of four for $12 plus $2 postage and handling.

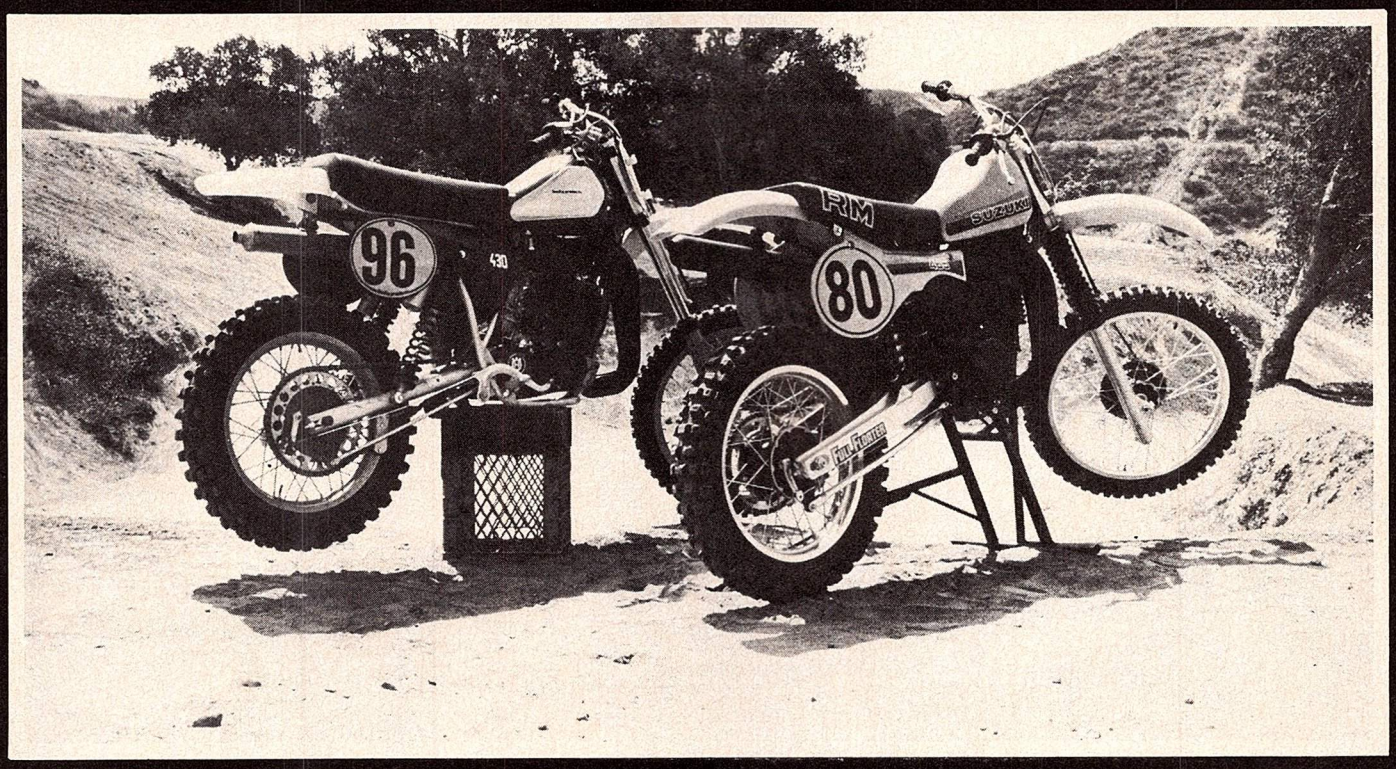
NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

MX9-1

RISING SUN AND MIDNIGHT SUN



HUSQVARNA 430CR VERSUS SUZUKI RM465X

Battle of the bigs

☐ Suzuki and Husqvarna have both built excellent Open class motocross bikes. They are so good that few other big-bores have as many good attributes as either of these. The question of which one is best is a matter of priorities and dedication.

POWER

Both bikes turn out the same amount of dyno power, but not the same type. Neither bike has the awesome power of a 490 Maico, but nothing holds them back from taking the gate..

Husqvarna has a much more flexible powerband. It is broader, smoother and higher-revving. Riding the Husky 430 is easy because the rider has the option of short-shifting or revving. Either way, the 430 pulls nicely and keeps moving. All in all, out of the crate, the Husky power is better than the RM465's power—because of its versatility.

Suzuki has seemingly always tried to duplicate Maico power . . . and has always failed . . . but the RM465X is as close as they have come. The RM is a midrange motor with a strong rush. The clumsy, stock jetting destroys most of the low end, but once cleaned up, the RM puts a good third-gear charge directly into the ground. It is akin to taking the middle part of a Maico powerband (without the top or bottom) and putting it in yellow clothes.

HANDLING

Husqvarna wins in the handling department. The new Husqvarna geometry works very well. The Hooska will do all that is asked of it; turns, jumps, off-cambers and fast sweepers. It is stable and forgiving.

Suzuki has a nervous front-end wiggle. The bars shake on rough, fast straights like a dog with fleas. Given the decidedly downhill rake of the RM, it turns on a dime and works through the slick stuff excellently—but long rough sections will strike fear into the rider's heart. Longer forks or shorter struts could bring the RM back into sync by changing the rake and trail.

SUSPENSION SWEEPSTAKES

Floating rear suspension is the best setup to date. Conversely, the Husky twin Ohlins system is better than most of the other single- or dual-shock systems. RM versus Husky is a case of the two best rear suspensions facing each other eyeball to eyeball, and the Husky just blinked. The RM is better in the rear.

On the front end, the 40mm Husqvarna forks work better than Suzuki's 43mm Kayabas, by a long shot.

BITS AND PIECES

Suzuki suffers from bad forks, which aggravate the handling problems and atrocious stock jetting. The Husky gives the slimmest amount of ground in the rear suspension and its questionable European reliability. Going head-to-head out of the crate, the Husqvarna 430CR is a better, all-around Open class mount by virtue of its consistently good package. ☐

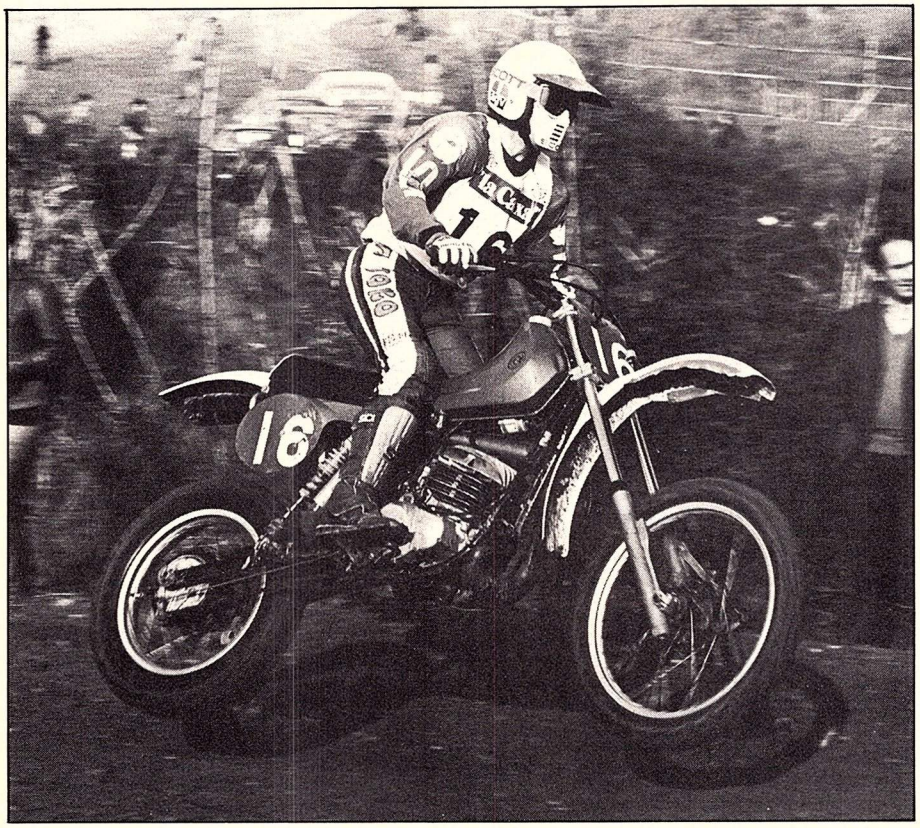
23
23
Husqvarna

250 WORLD CHAMPIONSHIP

GRAND PRIX DE ESPAÑA

Jobe sets a brisk pace

By Jack Burnicle



CZ unveiled an all-new 250 at Sabadell. Vladimir Kavinov (16) and Guennady Moiseev failed to earn a point, while Falta stayed at home with a broken finger.

Mike Guerra catches some Spanish rays during his first full season in Europe.

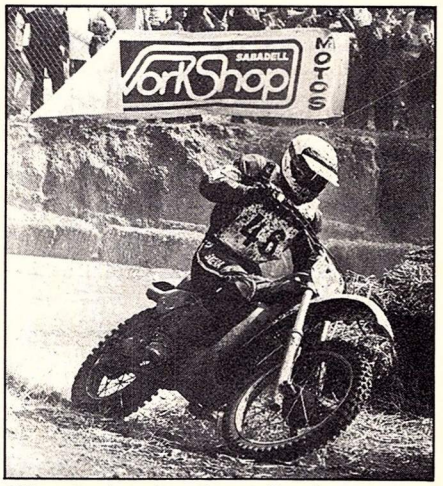
☐ The Spanish Grand Prix at Sabadell, Spain, had this year lost its traditional spot as the opening confrontation in the 250cc World Motocross Championship.

The previous weekend in a mud-caked French Grand Prix, defending champion Georges Jobe (Suzuki) and 1980 runner-up Kees Van der Ven (now riding KTM) had shared the initial title lead with 18 points apiece in appalling conditions down near Bordeaux. There, the strong factory Yamaha challenge of Britain's Neil Hudson, the 1979 world number two, and 21-year-old David Watson, recruited from Suzuki, had been uncomfortably halted in clouds of steam when the radiators of their brand-new water pumpers became blocked by the cloying Cognac mud. A similar fate had befallen the West German Honda duo of Rolf Dieffenbach and Fritz Kobele, who had recorded an impressive one-two overall at Sabadell last year.

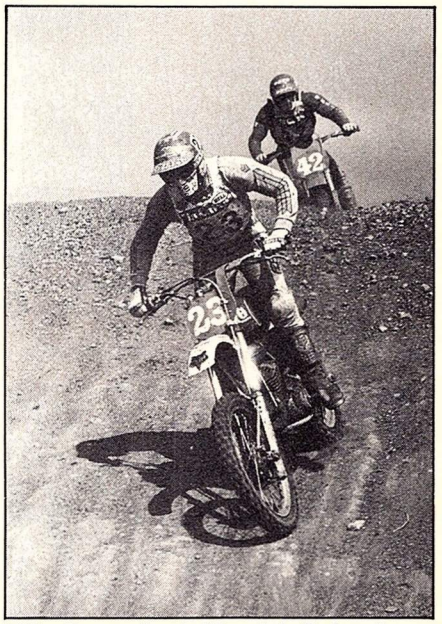
So Jobe arrived in Northern Spain, confident in the knowledge of a head start on several serious contenders to his crown. His confidence became more evident as he broadsided the Suzuki briskly around the sunny hills outside Barcelona to record second-fastest practice time behind com-

Everyone gets to the first turn at full tilt. Laquaye (6), Guerra (23), Margarotto (46), Orlando (44), Van der Ven (2), Hudson (25), Groensveld (45), Nyberg (37) and Coleman (38) all put in a bid.

Van der Ven had a 9-3 day in Spain on the single-shock KTM. The Dutchman almost signed with Yamaha, but signed with the Austrian factory along with Gerard Rond.



Gilera is showing signs of seriousness. After two years in the 125 class, they have fielded a 250 World Championship bike piloted here by Michele Margarotto. The Italian duo was fifth in the second moto.



Mike Guerra leads Maurizio Dolce down a sun-baked Spanish hill on his way to a 10-7 day and five GP points.

patriot Jean-Claude Laquaye (SWM) and a full second ahead of Hudson and Watson.

The young Belgian, Jobe, then took command of the first moto on the second lap and won going away by 17 seconds from Laquaye. A curious, pre-race decision by the organizers to water the steepest climb on the track—without warning the riders—resulted in a massive first-lap pile up, which halted half the field for several chaotic minutes—including the luckless Britons. Hudson, who had opted for the air-cooled Yamaha after his French setback, rode bravely from a hopelessly distant 36th place to finish 16th behind a lacklustre Dimitar Rangelov (Husqvarna). Teammate Watson, however, still on the water-cooled bike, eventually retired with a broken front brake.

Up front, behind the relentless Jobe, tremendous midfield infighting involved Laquaye, Italian Maurizio Dolce (Maico), Kobele, Michele Margarotto (newly-signed by Gilera), Dane Soren Mortensen (KTM), Ireland's Stephen Russell (Suzuki), who had scored his first championship point the previous week, Mike Guerra (Husqvarna) and similarly-mounted Raymond Boven.

Laquaye finally broke free of Mortensen, Kobele and Dolce's frantic efforts to withstand the burly Boven, but late-entry Margarotto stalled in the left-hand hairpin at the end of the start straight and dropped from fourth to twelfth on the half-hour, helping Maisch and Guerra into seventh and eighth slots.

Then the hapless American, Guerra, fell, losing out to Dieffenbach and Van der Ven. At the same time, Boven ousted Dolce from fifth position, leaving the wild Italian, Dolce (victor of the second heat at last year's Trophee des Nations), to be pounced on by Maisch and Dieffenbach. Big Rolf just failed to nail his compatriot as they hurtled over the line, while Van der Ven, his front brake seizing in the heat, held the recovering Guerra narrowly at bay. Guerra was well clear of Austrian Heinz Kinigadner, who was on the new factory monoshock Puch, but, nonetheless, was disappointed with his first-ever World Championship

CHAMPIONSHIP

point after his late spill on a track he found startlingly fast.

SECOND SPANISH START

Margarotto and Van der Ven led the second-moto charge beneath a scorching midday sun, but by lap three, Jobe was in front and Van der Ven and Hudson had swept past Margarotto's Gilera. This left Margarotto comfortably clear of Laquaye, Kinigadner, Guerra, Maisch, Swedish KTM pilot Magnus Nyberg and the dangerous slow-starting Dieffenbach.

On lap five, Hudson moved past Van der Ven into second place, seven seconds down on Jobe. Their long-awaited clash looked imminent, but the slim, stylish Belgian imperturbably maintained the gap as Hudson, riding with gritty application, lost a further three seconds toward the end of a tense race. "I just couldn't relax and concentrate on my riding," explained the 24-year-old Englishman afterwards. "I kept thinking about the bike and the points. But at least we have made a start in the championship now."

Nyberg went out on lap seven with a collapsed rear shock. By the half-hour, Guerra was a strong sixth, with Laquaye wilting visibly in the heat; ahead of him was only Dieffenbach, having galloped past Maisch, closing menacingly.

With five minutes to go, and obviously feeling the huge German's presence, Guerra looped the Husky spectacularly, but remounted in time to hold seventh place from Kinigadner and a remarkable Boven, who had come a desperately long way from a first-lap crash.

Dieffenbach brushed aside Margarotto as they powered into the final lap, and Finland's high-revving, teen-aged Husqvarna pilot, Simo Taimi, passed an exhausted Laquaye out of the final points scoring place to complete the top ten.

Also affected by the blistering heat were Russell and Kobele, who finished 13th and 14th respectively. "It was suffocating out there. I just couldn't find any air," said Russell, the drained Irish 250 champ.

Obviously untroubled by the temperature was a jubilant Jobe. □

SPANISH 250 GP RESULTS

1. Georges Jobe (1-1) .....Suz
2. Jean-Claude Laquaye (2-D) .....SWM
3. Neil Hudson (D-2) .....Yam
4. Kees Van der Ven (9-3) .....KTM
5. Rolf Dieffenbach (7-4) .....Hon
6. Soren Mortensen (3-D) .....KTM
7. Hans Maisch (6-6) .....Mai
8. Fritz Kobele (4-D) .....Hon
9. Raymond Boven (5-9) .....Hus
10. M. Margarotto (D-5) .....Gil

Bob Hannah says,

"If it breaks you get a new one free!"

That's right... the new CYCLE-AM replacement fenders are tough. If one fails during the first year you'll get a new fender free. No hassle either... all you do is return it, postage paid, to the factory with a copy of your original sales receipt. We'll do the rest.

Best of all... CYCLE-AM fenders don't cost a lot and are available in a wide variety of colors to match the stock color of most popular motorcycles.

See your local dealer and tell him you want the fender that Bob "Hurricane" Hannah says is the best. CYCLE-AM.

Send $1.00 for colorful CYCLE-AM decals and catalog.

CYCLE-AM T.M.

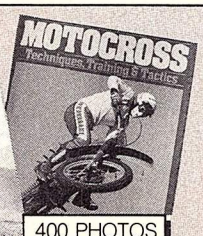
23954 Craftsman Road
Calabasas, California 91302

DOUG DOMOKOS' WHEELIE BOOK

*Learn all the Wheelie King's secrets

*How-to photo sequences

300 PHOTOS
12 COLOR PAGES



400 PHOTOS
224 PAGES

BRAD LACKEY'S MX BOOK

. . . buy this book . . .
Motocross Action

Simply put, it's great . . .
Cycle News

Name _____

Address _____

City/State/Zip _____

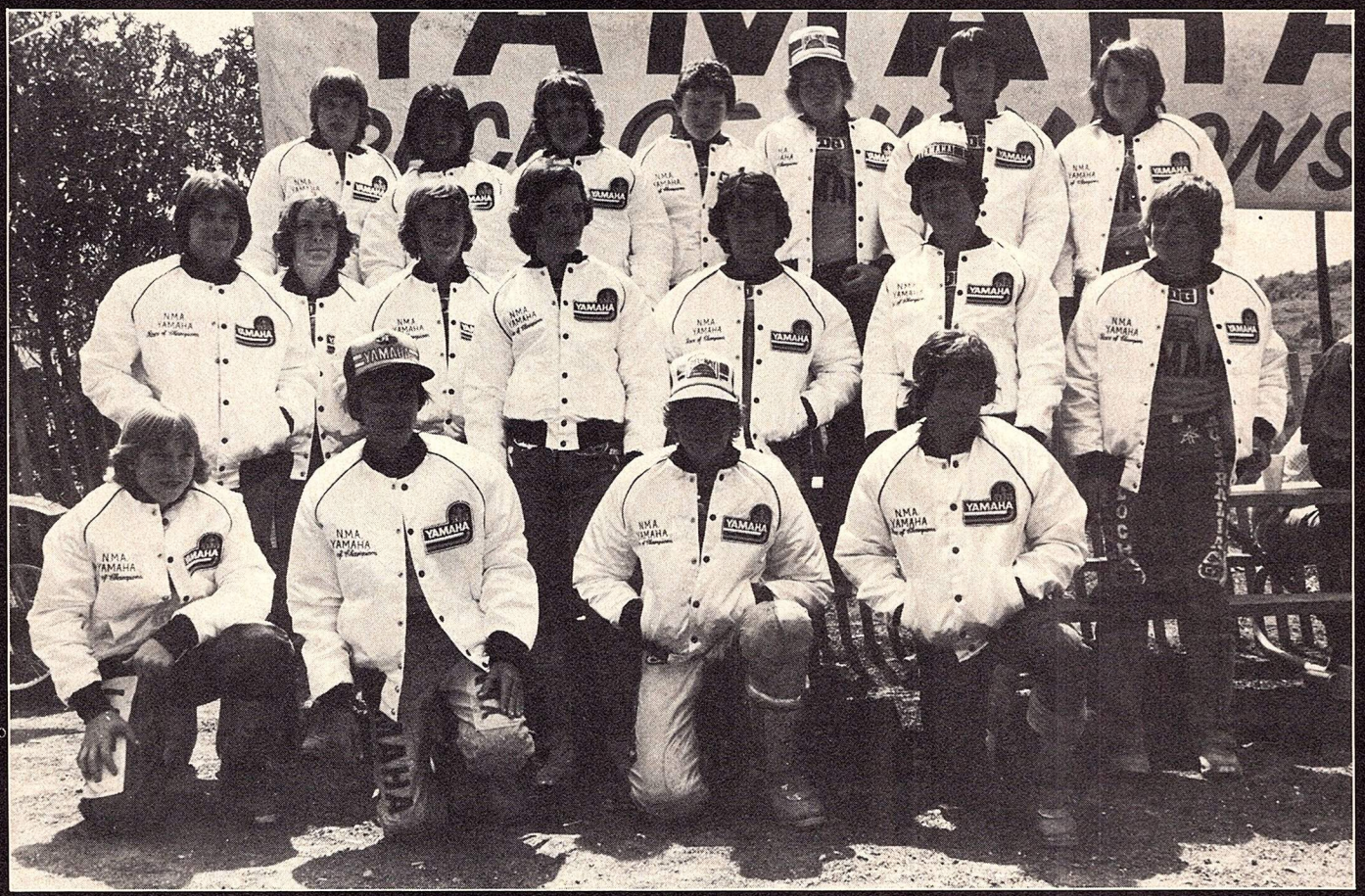
CLEANSHEET ENTERPRISES
P. O. Box 241X, Tarzana, CA 91356

☐ **WHEELIES**
☐ **MOTOCROSS**

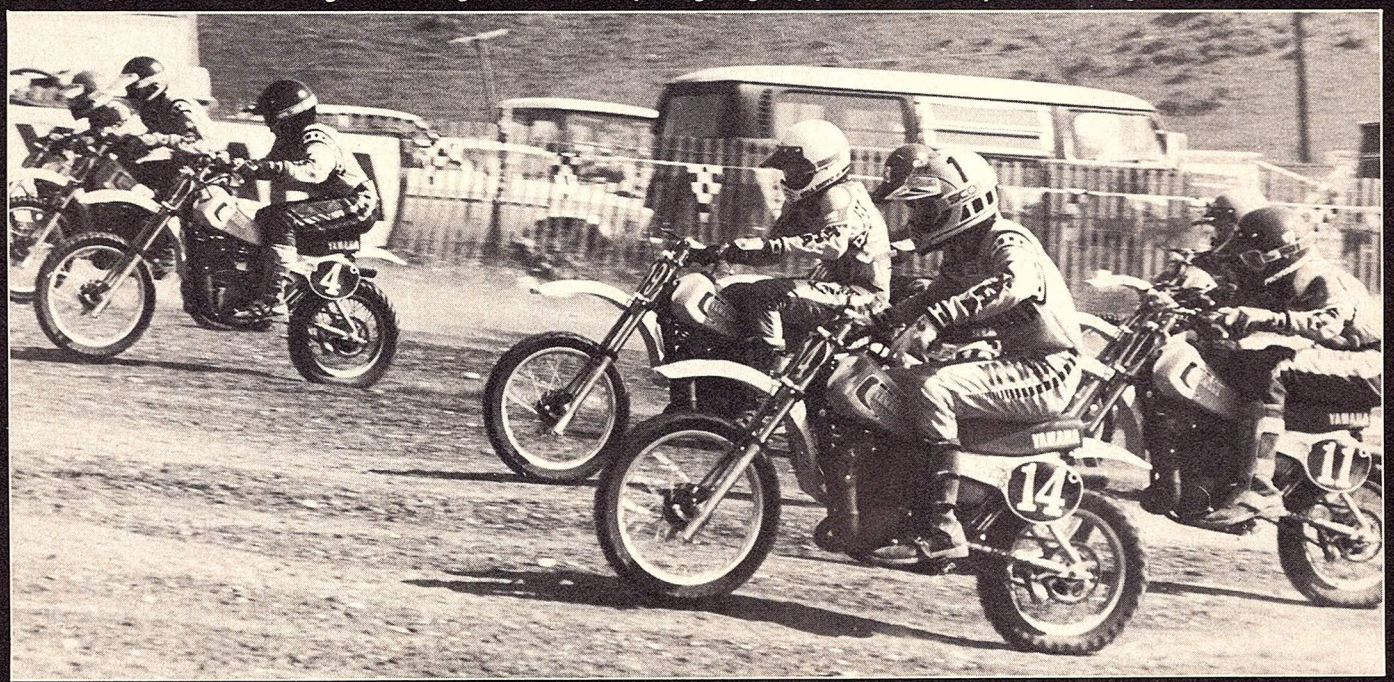
Each book: $9.95 plus $1.50 postage. Cal. add 60¢. Foreign: $12.50 (US); write for air rates.

WORLD MINI GRAND PRIX

By Dennis "Ketchup" Cox



Of course, one of the neat things about a big race like this is posing for group photos. Now say "cheeseburger," guys.



Number 14, Troy Blake, gets a mid-pack start during one of the Race of Champions' motos. Switching bikes each moto prevented anyone from having an advantage.

Future champ

☐ Just about the surest way to a factory ride, outside of having your dad own the factory, is to add winning the prestigious World Mini Race of Champions to your list of accomplishments. Past winners have included Jeff Ward (Kaw), Brian Myerscough (Suz) and Erik Kehoe (Yam). All these riders have gone on to factory rides straight from their careers as minibike champions and past R.O.C. winners.

If history does indeed repeat itself, Laveen, Arizona's Troy Blake will be joining the ranks of his predecessors on the professional motocross circuit by becoming the fifth rider to win the coveted Yamaha Race of Champions during the three days of mini mayhem that convene on Saddleback Park's slopes each April.

Three full days of mini racing, which ends its final day with the Race of Champions, brings out mom, dad, the grand parents, team trucks and vans and a myriad of Japanese bigwigs scurrying back and forth hoping they'll see that first spark of talent.

FAIR ENOUGH?

The Race of Champions is similar in concept to the stock car series in the auto world; it pits talented drivers from all across the world with identical vehicles to race with no machine advantage. And, to make sure there is no machine advantage, the vehicles are switched off between motos. For the Race of Champions three motos are run with riders transferring their number plates from machine to machine. Yamaha has sponsored the World Mini for the last five years and provides 18 brand-new shiny YZ80s, as well as 10 new YZ60s for the Junior cycle Race of Champions. None other than famed factory wrench Ed Schielder oversees Yamaha's involvement in the burgeoning minibike program.

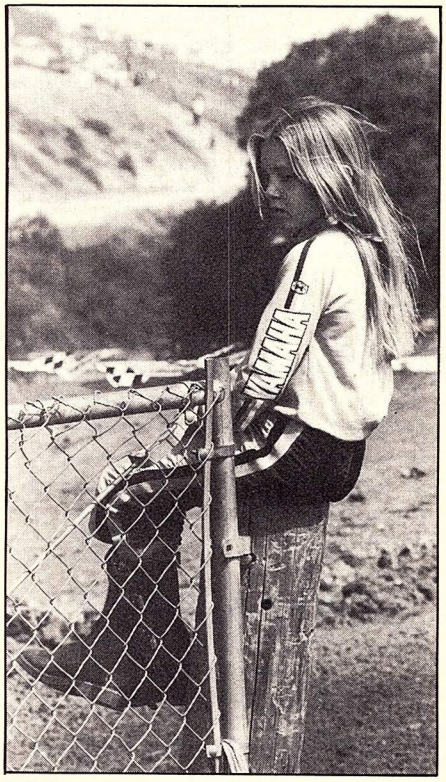
Kawasaki also has Team Green trucks and support at the World Mini to provide their riders with spares, friendly advice and a pat on the back. Contingency sponsors also were abundant at the World Mini. Bel-Ray oil was out in full force with a giant service truck that was offering free fork oil servicing—using Bel-Ray oil, of course. Each rider in the Race of Champions received complimentary team jackets from DG, along with a host of other goodies.

COMING FROM ALL OVER

Riders from as far away as England and Australia came to do battle against a most

Attacking this set of triples, a pack of riders set each other up. It was a pass-or-fail test.

***Art De Hoff** (6) from Eric, Colorado, takes the outside, while **Eric Hall** (11) from Camus, Washington, goes for the inside line.*



Minicycle racing isn't just for the guys, you know. The little ladies 'go for it' too.

TONY'S TIRE TIPS

Tip no. 9

Tony Mills,
Motorcycle Tire
Development Engineer
Dunlop Tire Company

Q. MOTO-X TIRES FOR ENDURO?

I love off-road riding, especially Enduro. However can I use Motocross tires for Enduro runs?

A. Sure. In fact, the tire requirements for the two are so similar, you'll have trouble finding a tire designed just for Enduro.

Like Motocross, you should find a set of tires specifically designed for the conditions you'll be riding on. Enduro riding usually offers a little bit of everything — from loose rocks and mud to dry flats. So a good, all-purpose set of tires like Dunlop's K190 IT rear and K290 front are ideal.

If you do most of your riding in the West, where conditions run consistently dry and hard, try the Dunlop K88 HT rear and K290 front combination. The K88 HT has the low profile and wide footprint you need. Plus, the soft compound tread gives you a sticky bite in the tightest leans.

In the East, conditions can get downright messy. Wet, oily conditions require tires with more surface area. Dunlop's K88 ST rear and K190 front are perfect solutions. Both feature a hard compound tread with tall knobs in an open pattern, allowing you to cut through the soft stuff without clogging your tread.

DUNLOP
P.O. Box 1109
Buffalo, NY 14240
(716) 879-8200

More cycles ride on Dunlop than any other tire in the world.

WORLD MINI GRAND PRIX

representative lot of minibikers from across our country. Our neighbors to the north and south also sent riders—Mexico's Ronnie O'Connell and Canada's Brent Worrall made the trek to Saddleback.

In order to make the World Mini more *worldy*, talent isn't necessarily the major consideration of getting accepted to compete in the Race of Champions. The organizers go to great pains to get a representative lot of riders from different parts of this country and the world. International competition is encouraged and it is hoped the race will be expanded in the future. The desire is to get the best riders from as many regions as possible.

RACE OF CHAMPIONS DAY AT SADDLEBACK

This year's Race of Champions was perhaps the closest of any of the Championship races. When all was said and done, Troy Blake had ridden his YZ80 to two moto victories and one second place for the overall win. With some hard and fast riding, Todd Campbell followed in second with two seconds and a third. Sam Storer gave winner Troy Blake some worries by winning one moto of the Race of Champions but a couple of crashes gave him a third in one moto and a fourth in the next for an overall third place behind Campbell. Brent Worrell was the first foreign entry at tenth overall, followed by Australia's Ricky Murphy in eleventh.

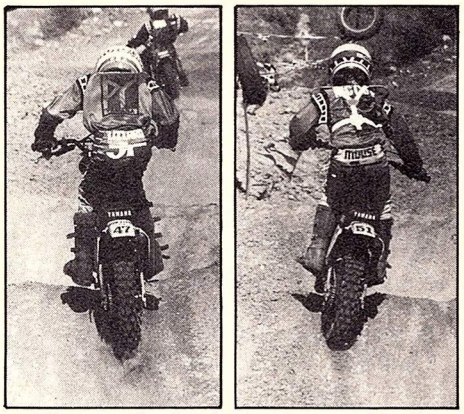
The winner got his choice of any of the YZ80s in the race, and a giant trophy over six feet tall. Most importantly, he is eagerly anticipated to be the next factory hot shoe to come out of the ranks of the minis. Who's going to be next year's star? Many will anxiously await. □

RESULTS WORLD MINI RACE OF CHAMPIONS

1. Troy Blake . . . . . Laveen, AZ
2. Todd Campbell . . . . Anaheim, CA
3. Sam Storer . . . . . Santa Ana, CA
4. Tyson Vohland . . Sacramento, CA
5. Mike Bergman . . . . Pewaukee, WI
6. Carroll Richardson . Ft. Worth, TX
7. Eric Hall . . . . . Camus, WA
8. Art DeHoff . . . . . Eric, CO
9. Derrick Latham . . . . . Olustee, OK
10. Brent Worrall . . . . . Chilliwack, Canada

JUNIOR CYCLE RACE OF CHAMPIONS

1. Mouse McCoy . . . . . Canyon Country, CA
2. Ronnie Tichenor . . . . . Palm Harbor, FL
3. Scott Brown . . . . . Anaheim, CA
4. Shawn Wooten . . . . . Rancho Cordova, CA
5. Kyle Lewis . . . . . Simi Valley, CA

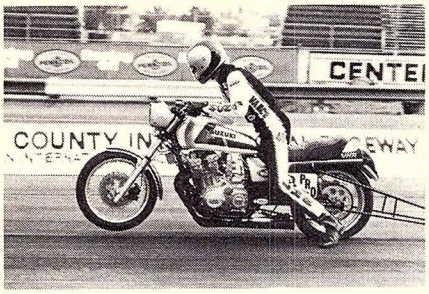


All sorts of animals were entered in the Junior cycle Race of Champions for 60cc cycles. From Lizzards . . . to Mouses (mices?).

Next year should see the beginning of factory water coolers in the minibike class, but these two enterprising lads have already hooked up a thermal siphon cooling system for their Kawasaki.

More and more Australians are making the trip over to see how they do it outside of OZ. A contingent was present for the World Mini.

TSUBAKI SETS THE PACE!



Terry Vance #1 NMRA-IDBA
PRO-STOCK CHAMPION

DRAG RACING

The ultimate challenge to both man and machine . . . you have a mere ¼ mile and seconds to prove your superiority. TSUBAKI users again show their superiority winning and setting records in the fastest classes.

TERRY VANCE/VHR captured his 6th national championship in PRO-STOCK. Terry's GS1100 set both ends of the record (8.77 e.t./151.26 mph) and was the 1st in his class to go over 150 mph on his way to winning both the NMRA and IDBA championships.

MIKE BRUSO/POWER ENTERPRISES in A/F class set both ends of the record in NMRA with a 7.82 e.t. at 177.86 mph. Mike's Kawasaki captured the Super Eliminator championship and is also the world's fastest naturally aspirated motorcycle.

JON BAUGH/ORIENT EXPRESS was NMRA runner-up with his A/DT Kawasaki for Super Eliminator. Baugh holds his class record at 169.49 mph.

Eddie Lawson/Team Kawasaki

ROAD RACING

The most rugged challenge where consistency in performance separates the winners from the pack. TSUBAKI chain users have dominated superbike roadracing for 4 years now.

REG PRIDMORE'S Kawasaki won the championship for 3 consecutive years.

TEAM KAWASAKI riders Eddie Lawson and Dave Aldana did a brilliant job of riding in '80 for the superbike title. Team manager Gary Mathers uses and endorses Tsubaki exclusively for its proven endurance.

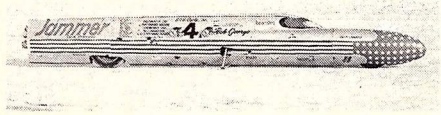
John O'Mara/Team Mugen Winner
125 U.S. G.P.

MOTOCROSS RACING

The supreme test of rider and machine against the worst elements of mud, sand, water and searing heat. TSUBAKI 520 PRO CHAIN users overcame all these elements and proved the true grit of this new Tsubaki chain.

JOHN O'MARA/TEAM MUGEN in his first year of national competition overcame all the odds at the U.S. 125 GP. He charged through the mud and mire to be the first American and the first privateer to win this prestigious race.

MARTY MOATES/TEAM LOP facing the best international riders ever assembled won the United States Grand Prix. This is the first time in history an American won this event.



The Jammer, "World's Fastest Harley"

BONNEVILLE salt flats has for decades given man one week in which to set the world's top speed record. Tsubaki chain went along for the ride when Bob George in The Jammer Streamliner captured the S-AS-300 record at 276.375 mph. The twin Harley powered machine is "The World's Fastest Harley."

One Year Guarantee

Tsubaki offers a one year guarantee to prove we make the best motorcycle chain available. No other chain manufacturer makes an offer like this, because no one else can make a chain exactly like this.

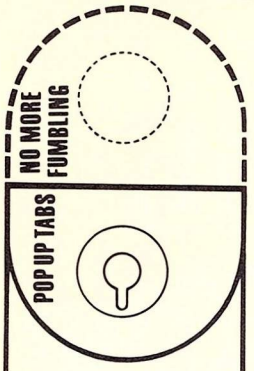
HI-PERFORMANCE "QR" SERIES Solid rollers, shot peened parts, special alloy steel, extra heavy press fit pins, quad staked riveting. Each chain is prestressed/prestretched on actual sprocket teeth.

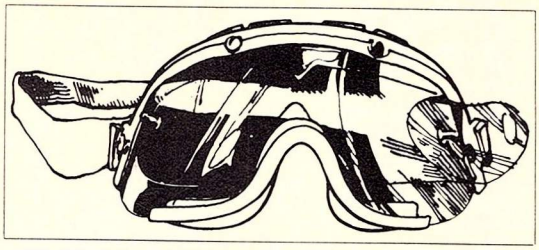
520 "PRO" SERIES All of the above features of the QR series with the addition of shouldered and projected bushing design which virtually eliminates kinking—especially designed for high power dirt bikes . . . sand, mud, grit, water won't stop it!

"HSL" SERIES SELF-LUBE CHAIN Extra heavy link plates, sintered metal bushings engineered to critical tolerances, and specially formulated lubricant impregnated in the bushings. Proven in thousands of hours of roadracing, this is a true self lubricating chain for the road touring enthusiast.

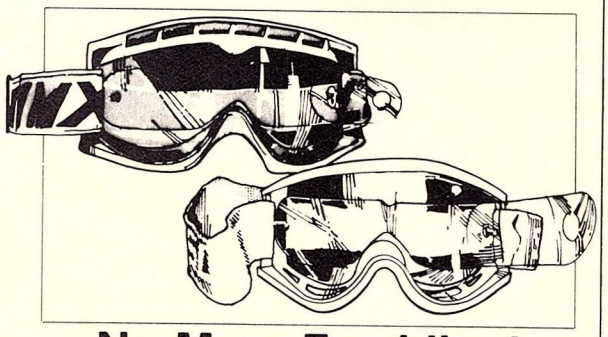
NICKEL PLATED "530QR/NP" SERIES Has all the features of the hi-performance QR series together with a brilliant show quality nickel finish. Tsubaki's unique plating avoids hydrogen embrittlement and also acts as a rust inhibitor.

TSUBAKI MOTORCYCLE CHAIN
UST, Inc., Wheeling, Illinois 60090, U.S.A.
ALSPEED PRODUCTS, Ltd.,
Mississauga, Ontario, Canada





SUPERTHINS
GOGGLE TEAROFFS



WINNERS USE SUPERTHINS GOGGLE TEAROFFS

DISTRIBUTED BY

MANUFACTURED BY:
ROSE NOVELTY CO. INC.
112 GROSS ROAD
P.O. BOX 49
MESQUITE, TEXAS 75149
Phone (214) 285-2826

No More Fumbling!
New Pop Up Ring Pulled Tabs

Tested and Approved by: MOTOCROSS ACTION MAGAZINE

Highest quality optical grade material. Stack 1-15

Extenders included in each package to fit any goggle. Can be loaded left or right.

5 pcs. per package. 50 packages per case. Distributor's name on each individual package.

Distributor cost direct to you! Get a "SUPERPACK" of Superthin Tear-offs. **PACK OF 25 ONLY $3.25!**
Hurry, offer expires September 30, 1981.
Regular price;—$1.95 per package of five.

RACER'S SPECIAL — ORDER NOW!

RoNoCo

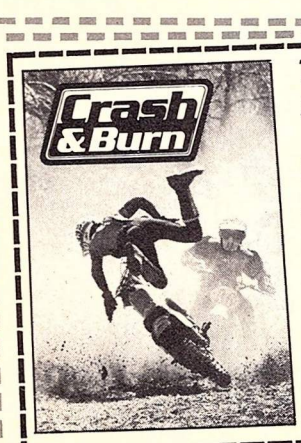
Rose Novelty Co.
112 Gross Rd.
Mesquite, Texas 75149
285-2826 or 285-2726

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

(Add 50 cents for postage and handling.)



THE FUNNIEST MAGAZINE EVER!

Are you in this new issue of *CRASH & BURN*? If you've ever crashed your bike, you may be a C&B Star. Marvel at the most outrageous photos, taken by photographers all across the country at both local and pro races. Don't dismay, order yours today!!

Make check or money order payable to: **CRASH & BURN, Aug. '81**, Box 317, Encino, California 91316.

Name _____

Address _____

City/State/Zip _____

(Please enclose $2.50 plus 75 cents postage and handling for each copy ordered. Canada add $1.50 and all other foreign add $2.50 postage and handling for each copy ordered. All items will be shipped by surface mail. U.S. funds, please.)

MX9-1

MAIL ENTRIES
[*continued from page 14*]

Broccie, that they're going to have to buy them like everyone else!)

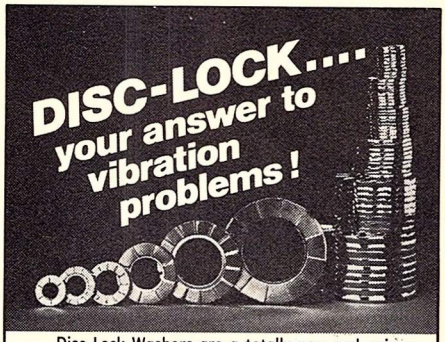
SHOOTOUT
Dear Sirs,
Please have an 80cc shootout between the four major companies—Suzuki, Yamaha, Kawasaki and Honda. It would be a great article for us mini fans.
Jammin' Tim Peet
Susanville, California

FASTER
Dear Sirs,
I'm getting a CR80 and wanted to know what I could do to make it faster.
Kent Urbanek
Glassport, Pennsylvania

(*Practice, practice, practice.*)

BEST PRODUCTS
Dear Sirs,
I have a KX80A and I want to buy a swingarm for it. Which one is the best and how much does it cost? I have Curnutt shocks and I race.
Manuel Murguia
Ontario, California

(*Crotch Rocket Factory, Box 2084, Goleta, California 93017; (805) 968-1786 makes aluminum swingarms for KX80s.*) □



Disc-Lock Washers are a totally new and unique concept for the permanent locking of threaded fasteners. They are ***vibration proof*** according to U.S. Army Tests. Simply insert the mated pair of Disc-Lock Washers between the nut and joint material or under the head of the bolt when it is assembled into a blind or threaded hole. Then tighten it down for good. Ideal for motorcycles, cars, trucks, boats, construction and farm equipment.

SEND FOR YOUR #4-D KIT TODAY...

HERE'S WHAT YOU GET:

Ten 1/4" (6mm) sets
Five 5/16" (8mm) sets
Ten 3/8" (10mm) sets
Five 7/16" (11mm) sets
Five 1/2" (13mm) sets
Four 5/8" (16mm) sets

MAIL THIS COUPON OR CALL... [814] 833-6000 FOR SPECIAL ORDERS.

TO: GARNON TRUCK EQUIPMENT, INC.
PO Box 1358 - Erie, PA - 16512

Check or money order enclosed: $13.00
(freight included) (PA residents add 6% sales tax)

Name _____

Street _____

City_____ State____ Zip_____

Hi-Q PRODUCTS, INC.

5-Day Delivery Guaranteed
Order Toll-Free 1-800-633-7564

M/X CHEST PROTECTOR - TEAM COLORS $9.99

51 Yam 61 Hod
52 Hon 62 Hus
53 Suz 63 Bul
54 Kaw 64 C-A

IMPACT No. 60 DRIVER $9.99

Unbreakable DOGLEG LEVER ASSEMBLY $10.99 pr.

High impact yellow plastic. Fits all handlebars, self-lubricating. **No. 46**

M/X BOOT SOCKS

$5.99 pr. 2 pr. $10.49

Heavy socks that fold over boot. One size fits all.

116 Gold
117 Red
118 Green

CROSSBAR PAD - Team Colors

8"- $2.49 12"- $2.99

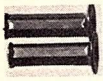
SPECIFY SIZE

C1 Yam C2 Hon C3 Suz C4 Kaw
C5 Hod C6 Hus C7 Bul C8 C-A
C13 Plain Black

Quick Release THROTTLE SET $4.99

Fits all bars. **No. 25**

HEX GRIPS $2.99



Fits all bars.

38 Clear
39 Yellow
40 Black

RACING GOGGLES $7.99

2 pair $13.99
3 interchangeable lenses. **No. 59**

GOGGLES/FACE GUARD COMBINATION $12.99

Adjustable. One size fits all. Wide elastic strap for comfort with security. **No. A1**

TEAM CAP $4.99

Heavy twill. In brilliant colors. One size fits all.

21 Yam 23 Suz
22 Hon 24 Kaw

Vented DUCKBILL $2.99

Fits all helmets.

48 Black
49 Yellow
50 White

HEAVY M/X TEAM SOCKS

$2.99 pair
2 pr. $5.49
4 pr. $9.99
31 Yam
33 Suz
32 Hon
34 Kaw

Tough, long-wearing. Cycle name and trim in vivid team colors.

Copyright 1981
Hi-Q Products, Inc.

M/X TANK COVER Team Design or Plain

Fits snugly to any tank

26 Yam 27 Hon
28 Suz 29 Kaw
30 Plain Black

$9.99

TEAM SUZUKI
TEAM Kawasaki
TEAM Y★A★M

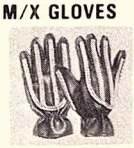
Guaranteed Unbreakable LEVER ASSEMBLY $9.99 pr.

Brake and clutch levers mount to any handlebars without removing grips. **No. 35**

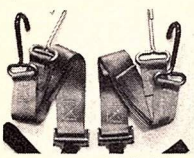
RUGGED VINYL AND LEATHER M/X GLOVES

No. 36 $9.99
Adjustable. Tough black vinyl, heavily padded. **S-M-L-XL**

No. 37 $8.99
Long-wearing smooth brown cowhide. **S-M-L-XL**



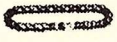
No. 132 $8.99
Extruded rubber knuckle and thumb protection. **S-M-L-XL**



TIEDOWNS $10.99

Set of 2 **No. 47**

CHAIN BRACELET $2.99



Heavy chrome
Boy's **No. 70**
Adult **No. 80**

MULTIPLE WRENCH

Fits 3/8" to 13/16" **$7.99**
(9mm to 20mm) **No. 131**

TEAM TOOL BAG $4.99

Tough simulated leather. Team designs. Inner loop for safe mounting. 5" x 7½".

No. 65 Yam
No. 66 Hon
No. 67 Suz
No. 68 Kaw
No. 69 No Name

Guaranteed Unbreakable RACING FENDER $4.99

4" wide. Red, White, Black, Silver, Yellow. **No. 98**

TEAM JERSEY - LONG SLEEVES $9.99

100% Ventilated Nylon in Brilliant Team Colors

Made by our skilled craftsman. Cycle name on chest and sleeves.

Sizes: Child 6-8, 10-12, 14-16 Adult S-M-L-XL

L1 Yam L2 Hon L3 Suz L4 Kaw
L5 Hod L6 Hus L7 Bul L8 C-A

PERSONALIZED TEAM JERSEY

Tough Ventilated 100% Nylon With Long or Short Sleeves

Your name or message across the back of Hi-Q made jersey. One or two lines, up to 10 letters per line. Numeral 0 to 99. **No COD's.** Long and short sleeves. Use special boxes in coupon.

Sizes: Child 6-8, 10-12, 14-16
Adult S-M-L-XL

SHORT SLEEVE $11.99

S1P Yam S4P Kaw S7P Bul
S2P Hon S5P Hod S8P C-A
S3P Suz S6P Hus

LONG SLEEVE $13.99

L1P Yam L4P Kaw L7P Bul
L2P Hon L5P Hod L8P C-A
L3P Suz L6P Hus

TEAM JERSEY- SHORT SLEEVES

Our own great ventilated nylon short sleeve jersey with cycle design on chest. Team colors.

Sizes: Child 6-8, 10-12, 14-16 Adult S-M-L-XL **$7.99**

S1 Yam S2 Hon S3 Suz S4 Kaw
S5 Hod S6 Hus S7 Bul S8 C-A

MOUTH GUARD

$4.99 No. 115

KIDNEY BELT $9.99

Sizes S-M-L-XL
No. 6

11-PIECE TOOL KIT $8.99

Every rider needs one. **No. W1**

Order Toll Free 1-800-633-7564

10 COLOR STICKERS $2.49

10 assorted full-color stickers (our choice). Stick anywhere. WE PAY POSTAGE. **No. K1**

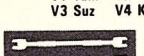
NEW M/X WALLET $6.99

Heavy canvas, put together to last! Plastic pass holder. U.S. made. **No. Y1**

SUPER VISOR $4.99

Fits all helmets.

V1 Yam V2 Hon
V3 Suz V4 Kaw



SPOKE WRENCH

Fits 8, 9, 10 and 11 mm. **No. 110** **$3.99**

MUD FLAPS $3.99

With mounting hardware.

F1 Yam F2 Hon F3 Suz
F4 Kaw F5 Plain

M/X NUMBER PLATES

NEW!

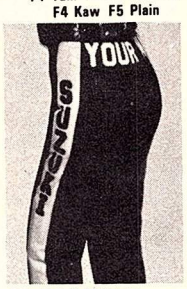
White, yellow, black, red. State color choice. State number desired (1 or 2 digits) in description space on coupon. With mounting hardware.

Oval No. A5 $2.99
Rectangle No. A6 $3.49

TEAM TOBOGGAN $4.99

Warm, colorful, practical. One size fits all.

B1 Yam B2 Hon
B3 Suz B4 Kaw

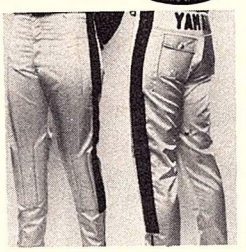


PERSONALIZED M/X NYLON TEAM PANTS $44.99 pr.

Heavy, fully-padded nylon pants. Hi-Q crafted with Scotchgard finish. Washable. Your team name down both pants leg, and up to ten letters of your choice across the back. (Use special lines in coupon) No COD's. Choose RACING BLUE with RED trim or GOLD with BLACK trim.

Waist Sizes: 24-26-28-30-32-34-36-38-40

101P Yam 105P Hod
102P Hon 106P Hus
103P Suz 107P Bul
104P Kaw 108P C-A



Hi-Q NYLON M/X PANTS Personalized or with Team Name, or Plain

RACING BLUE with RED trim, or GOLD with BLACK trim. SPECIFY. Heavy nylon pants as described at left, available plain or with your choice of up to 10 letters across back.

Waist Sizes: 24-26-28-30-32-34-36-38-40

AVAILABLE THREE WAYS:

PLAIN $29.99 pr. No. 100

PERSONALIZED -No COD's $34.99 No. 100P Give lettering in coupon.

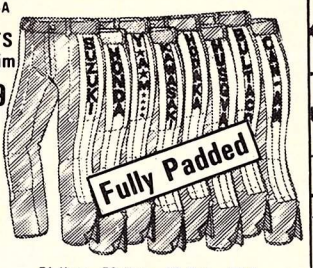
M/X Team Pants $31.99 pr.

101 Yam 104 Kaw 107 Bul
102 Hon 105 Hod 108 C-A
103 Suz 106 Hus

M/X TEAM PANTS Heavy 14-oz. Denim Team Colors $19.99

Cycle name in bold black letters down both sides of these top quality denims. Striping in team colors. We make these stylish, highly-protective pants with removable hip and knee pads. Knee pockets will accomodate cups. (No 75 pants have no cycle name)

Waist Sizes: 24-26-28 30-32-34-36-38-40



71 Yam 72 Hon 73 Suz 74 Kaw
76 Hus 77 Bul 78 C-A 79 Hod

No. 75 Red, White & Blue, No Team Name $18.99

PERSONALIZED 14 OZ. DENIM M/X PANTS $24.99

Our top-quality 14-oz. denims. Three colorful trim styles PERSONALIZED FOR YOU with your name or other message. Up to 10 letters on each side (Use special boxes in coupon) **No COD's.**

Sizes: 24-26-28-30-32-34-36-38-40

No. 56P Gold and Black Trim
No. 57P Red and White Trim
No. 58P Green and White Trim

FACE GUARD $6.99

150 White 151 Black
152 Orange

Lettering here for DENIM or NYLON PANTS

Hi-Q PRODUCTS, INC.
P. O. Box 455 - A9
Abbeville, Alabama 36310
Toll-Free 1-800-633-7564

★ 5-DAY DELIVERY GUARANTEED or your money back if you pay by Cash, M.O. or Credit Card. Checks take 2 weeks to clear our bank. Allow extra week for personalized items.
★ Pay only $2.00 for shipping on any size order.
★ All Hi-Q merchandise is fully guaranteed against defects in material and workmanship.

QUAN	NO.	DESCRIPTION	SIZE	PRICE

Add $2.00 Shipping
COD Orders, add $3.00 Shipping
TOTAL

Print Lettering Here for PERSONALIZED JERSEY

10 letters maximum each line | Numeral

Name _____

Address _____

City _____ State _____ Zip _____

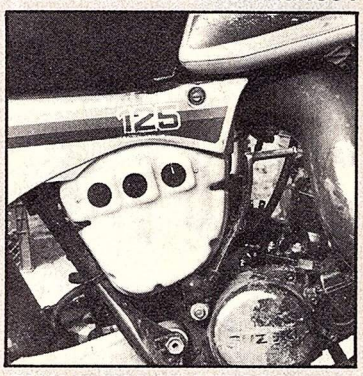
In a RUSH? Ask about our Special 48-Hour Delivery.

☐ Cash Enclosed ☐ Check Exp Date
☐ Ship COD, I enclose $3 deposit
☐ M.O. ☐ VISA ☐ MasterCharge
Card No. _____

RF

DONNY EMLER'S
ROOST FACTORY

Presents: The Hottest New Performance Products



"ROOST BOTTLE"
- More torque
- Improved throttle response
- Smoother powerband
- Designed after works bikes
- 15-minute installation
- Available for most makes
- ONLY $39.50!

PLUS THESE FINE PRODUCTS
- Aluminum silencers
- Reed assemblies
- Works porting and headwork
- T-shirts—$6.95
  Jerseys—$13.95

WORKS AIR BOX
- Wider powerband
- More throttle response
- Smoother flow
- Three colors available: Works white, yellow and black

Comes complete with two-stage filter and easy-installation instructions.

Available for:—
RM125X,
RM250X,
YZ125G/H,
RM80N, T/X,
YZ80G, H.
From—$59.95

ORDER TODAY... ROOST TOMORROW!

Dealer inquiries invited.
Save COD charges—free shipping on all prepaid orders.
For more information send $1 for catalog and stickers to:

ROOST FACTORY • 1430 W. 259th Street • Harbor City • California • 90505 • 213/375-0181

DIALING IT IN
[*continued from page 17*]

nobody makes a dust cover for the new 43mm forks. Where can I get a pair so that my seals won't be destroyed instantly?

Larry Barnt
Shawnee, Oklahoma

(Accordian fork boots are the best friends your seals ever had, but if you must remove them in favor of dust covers that only cover the top of the slider, use Fox Factory Forx dust covers. Although designed to fit the 44mm Fox forks, they work perfectly on 43mm Yamaha and Suzuki forks.)

SMALL BORE

Dear MXA,

I weigh over 175 pounds, but I want to ride the 125 class. I own a YZ125H, but it bottoms-out constantly—even with the max preload. I tried the next-stiffest Yamaha spring for my 125H, but it wasn't any better. Do I have to ride a big bike?

Brent Meys
Los Angeles, California

(You are big enough for big bikes, but 125s are a blast once you get them dialed in. The simple solution, short of a full-on shock mod, is to get a stock YZ250H spring. They also come in three different rates and will make your 125 much stiffer. Upping the preload never solves the problem of a too-soft spring.) □

"THE BEST OILS MONEY CAN MAKE!"
Roger DeCoster

Roger DeCoster: 5 time 500cc World and 4 time Trans AMA Champion. Factory consultant to Team Honda who has spent years developing, testing, and proving that Bel-Ray Lubricants are the best.

MC-1: Bel-Ray's 2-Cycle Synthetic Racing Lubricant and octane booster: Formulated for leaner (55 to 80:1) dilution ratios to lower engine temperature for better performance.*

GK-1: Bel-Ray's synthetic Ultra-High RPM 2-Cycle oil and octane booster: Protects where others fail, in the lower end of 13,000 plus RPM engines. Blends with gas or alcohol in 20-40:1 dilution ratios.*

MC-3: Bel-Ray's premium petroleum 2-Cycle lubrication and octane booster: Economically delivers superior protection and performance in both pre-mix and injector systems. 32 to 40:1 dilution ratios.*

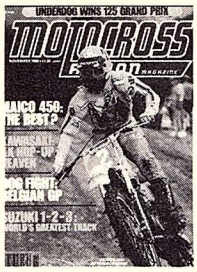
Si-7: Bel-Ray's ultimate, non-smoking injector oil and octane booster: Try it, you'll notice the difference.*

**Bel-Ray 2-Cycle oils have a built-in octane booster that will increase octane ratings depending upon your gas to oil dilution ratio.*

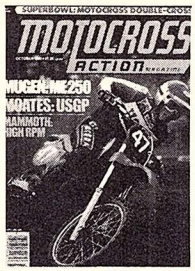
BEL-RAY TOTAL PERFORMANCE LUBRICANTS®

Bel-Ray Company, Inc. International Corporate Headquarters P.O. Box 526 Farmingdale, New Jersey 07727

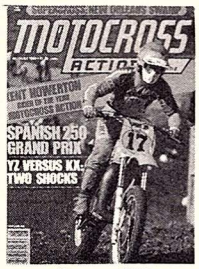
Send $5.00 for T-shirt, decal and consumer brochure. Western Headquarters 561 South State College Blvd. Fullerton, California 92631



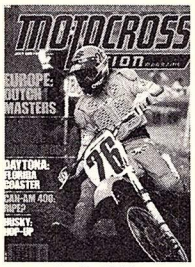
Nov. '80
Maico 450
Derbi 125
KX125 Hop-up



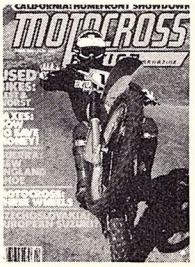
Oct. '80
500 USGP
Mugen 250 Kit
Can-Am Hop-up



Aug. '80
Kawasaki KX250
Yamaha YZ250G
CZ Prototype



Jul. '80
Honda CR125 '80
Can-Am 400
Husky Hop-up



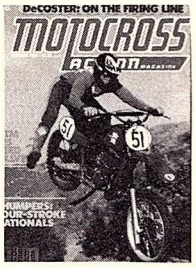
Apr. '80
Best Used Bikes
Suzuki RM250T
Racing and Taxes

FOR THE MAN WHO DOESN'T WANT TO MISS A THING.

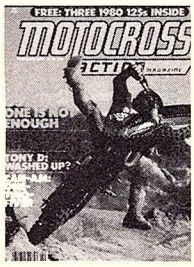
MOTOCROSS ACTION MAGAZINE

Back Issues Library.

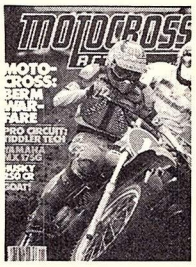
How often have you wanted to read up on a special bike test of the past or recheck some hop-up article? Here's your chance to get another look.



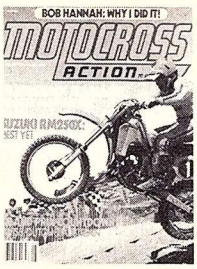
Mar. '80
KTM 125RV
Mugen 360
Fox Honda 250



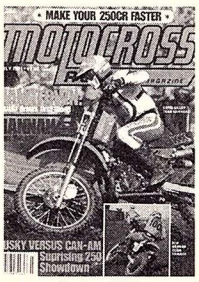
Feb. '80
Honda CR250R
Can-Am 125
Trans-USA



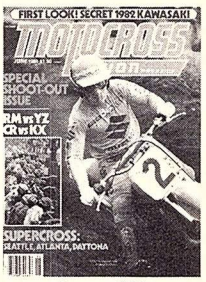
Jan. '80
Husqvarna 250
Yamaha MX175
Monophobia



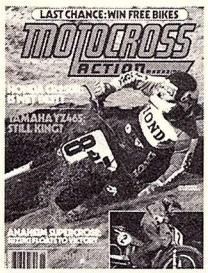
Aug. '81
Suzuki RM250X
Fluid drive MX bike
Hannah, part II



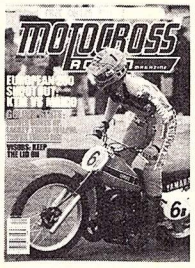
July '81
Hannah, Part I
Can-Am vs. Husky
Hangtown



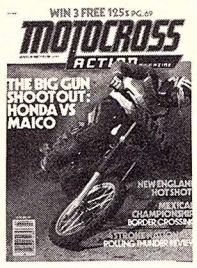
June '81
Special Shootout
Issue: Honda,
Yamaha, Suzuki, Kawasaki



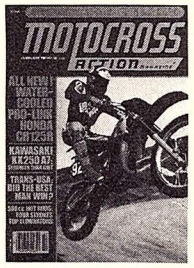
May '81
Honda CR250R
Yamaha YZ465H
How To Pass



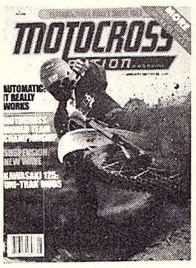
Apr. '81
KTM MC250
European 250 Shootout
Maico 250 mega 2


WIN 3 FREE 125s PG. 69
MOTOCROSS ACTION
THE BIG GUN SHOOTOUT: HONDA VS MAICO
NEW ENGLAND HOT SHOT
MEXICAN CHAMPIONSHIP BORDER CROSSING

Mar. '81
Honda vs. Maico
Big Gun Shootout
Mexican Motocross Cham.



Feb. '81
Honda CR125R
Kawasaki KX250
San Diego Supercross



Jan. '81
World Team Championship
Husqvarna 420
Yamaha PW50 YZinger

Please send me the magazines I have checked. I enclose $1.75, plus 75 cents postage and handling for each magazine. Canada add $1.50, all other foreign add $2.50, postage and handling each copy ordered. (U.S. funds, please)

☐ Nov. '80	☐ Apr. '80	☐ Aug. '81	☐ Apr. '81
☐ Oct. '80	☐ Mar. '80	☐ July '81	☐ Mar. '81
☐ Aug. '80	☐ Feb. '80	☐ June '81	☐ Feb. '81
☐ Jul. '80	☐ Jan. '80	☐ May '81	☐ Jan. '81

NAME_____

ADDRESS _____

CITY_____ STATE_____ ZIP _____

Send to: Motocross Action Magazine, P.O. Box 317, Encino, Ca. 91316 MX9-1

FLOW BENCH PORTING

FLOW POWER PORTING

"THE ULTIMATE"

FLOW POWER PORTING

THE FIRST AND ONLY SCIENTIFIC APPROACH TO PORTING FOR PERFORMANCE

GUARANTEED ACCURACY • NO GUESSWORK

AVAILABLE FROM

KRAUSE RACING

- ☐ WE CAN FLOW-BENCH ANY 2-STROKE CYLINDER
- ☐ COMPLETE DATA SHEETS SENT WITH ALL WORK
- ☐ FOR FREE INFO CALL OR WRITE KRAUSE RACING FLOWLAB

DIRT BIKE MAGAZINE SAYS:

"The different was amazing. To put it simply, this flow-ported CR 125 is the fastest 125 motocrosser we've ridden — it'll eat any other 125 alive. The hot place to have this done is at **KRAUSE RACING**."

GET SCIENTIFIC — GET FLOW POWER PORTING

YOUR TOTAL SOURCE FOR HI-PERFORMANCE PRODUCTS & SERVICES

answer products · M. ROBERT · O'NEAL Motorcycle Products · Sun · METZELER · THE GOLD BELT · MarkCharles · HALLMAN PRODUCTS

TERRY KITS & TERRY CABLES

FORK SEALS BY LEAK PROOF

HI-POINT Racing Products · Boyesen

- ☐ WE SHIP DAILY UPS/COD — DEALER INQUIRIES INVITED
- ☐ 1981 KRAUSE KATALOG — SEND $3.50 TO RECEIVE YOURS NOW
- ☐ "KRAUSE KRITTER" & 'FLOW-POWER" DECALS 50 CENTS EACH

KRAUSE RACING 305 E. North Ave. (Rt. 64), Northlake, IL. 60164 (312) 344-2233

THE MOST SOUGHT AFTER BEST SELLER:

DIRT BIKE MAGAZINE

Hi-Performance SECRETS

Another first from Hi-Torque. Everything you ever wanted to know about hop-ups, trick stuff and hot setups but were afraid to ask. Whether four-stroke or two-stroke, Hi-Performance secrets has all the information for you that has been kept secret for years. That's right, the staff of *Dirt Bike* Magazine has uncovered all the previously unmentioned trick tech stuff on *ALL* the how-to's in the world of off-road motorcycle high performance. Learn the untold story of how factory mechanics get quazi horsepower out of two-stroke and four-stroke motors. Also *Dirt Bike* exposes the secret formulas on frame geometry and suspension setups. No dirt bike rider's toolbox will be complete without his own copy of Hi-Performance secrets. Get yours today!

AT YOUR NEWSSTAND NOW! MX9-1

JODY'S BOX

[*continued from page 8*]

(but it left almost instantly). I saw his feet come off the pegs at the dropoff. I turned up the wick on my Maico 490 and giggled to myself. His bike went into the ruts, dragging him alongside it like Hopalong Cassidy. I could visualize the trophy in my hand already.

When his bike hit the muddy bank I could hear the gas tank dent as he bottomed-out against the bike at four *G's*. When his forks bottomed-out, his brake cable looped up and caught the nosepiece of his Bell Moto III, wrestling his head down onto the front number plate.

It was a horrifying sight; I'm embarrassed to say that I was delighted. I give Jimmy Mac credit; he never backed off or tried to get the smooth line. He swerved across the track, hit the three whoops with his face stuck to the bars. The last whoop let the brake cable loop upward and released his face just in time to be launched across the track into the boulders where he mercifully came to a rest. Again I felt a little guilty, looked over my shoulder, missed a turn and ran off the track. I ended up third.

"How did you do?" asked Jimmy Mac after the first moto. He had a bandage on his nose and looked like he had gone 10 rounds with Mohammed Ali.

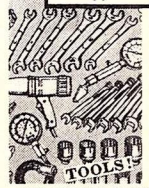
"I would have done a whole lot better if you hadn't hogged the good line on the first lap," I snapped at him. I threw my helmet down and stomped off. ☐

Learn Motorcycle Repair

★TRAIN AT HOME TO BE A

Motorcycle Mechanic

If you like to ride a cycle for fun . . . learn how to fix it for profit! Can you imagine a better way to earn your living, whether you choose to work in a cycle shop for someone else or decide to start your own cycle repair business? Now there's a fast, easy way to get training at home in your spare time. No need to quit school or your job. Experts show you step-by-step everything from minor tune-ups to major overhauls.



CYCLES ARE BIG BUSINESS . . . AND SO IS FIXING THEM!

There are more than 5 million cycles registered in the U.S. today. Plus an estimated million more dirt bikes. And they all need maintenance.

Graduation from this course does not insure that you will get a job. To find out how our graduates have done, send for our job placement record.

INCLUDED TO START YOU FAST! TOOLS & TEST INSTRUMENTS

Professional tools plus your North American "know how" help you become a skilled mechanic. We even include a set of special cycle tools and instruments to get you started fast! **Send for FREE FACTS.** No cost, no obligation. No salesman will call. Rush coupon today.

CALL TOLL FREE

1-800-228-2028 / Ext. 142
Dept FEO81

In Nebraska call (402) 571-4900 Ext. 142
CALL ANYTIME—24 hours a day, 7 days a week. No cost, No obligation, No salesman will call.

T38

OR MAIL COUPON TODAY

Careers by Home Study
NORTH AMERICAN SCHOOL OF MOTORCYCLE REPAIR
4500 Campus Dr., Dept. FEO81 Newport Beach, CA 92660

Rush free color brochure and full information on how I can learn motorcycle repair. Check here for GI or VA ☐.

NAME _____ AGE ____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

ON THE MAINJET

[*continued from page 7*]

be any problem, Hi-Point is keeping records and your money would be returned.

When I was in Europe, many of the Americans over there asked about our team and if it was coming. I told them we were working on it. Bill Butchka of Team Yamaha, who is wrenching for Neil Hudson in the 250cc World Championships, has volunteered his Yamaha van and personal help if our riders need it—when and if they go. Also Juha Tirinen of Yoko (Moto-X Fox, clothing) has volunteered $1,000 for any Fox rider who is picked.

The logos you see on the commemorative shirt we are offering are of companies who have also pledged money for the American Motocross Team effort. I'm sure there are other things we can do to raise the money, but by the time you read this it will be almost too late. The Motocross and Trophee des Nation events take place on September 6th and 13th in Belgium and Germany. If we don't send a team this time, it's because we don't care.

Please send any contributions to: **American Motocross Team AMA,** P.O. Box 141, Westerville, Ohio 43081.

To order the special Team shirt, send $8 or more to: **American Motocross Team Shirt,** Hi-Point Racing, 3709 W. Erie Ave., Lorain, Ohio 44053. To reserve personalized photos, also write to Hi-Point; state the name to whom you want it autographed. □

DIRT BIKE

ENDURO RIDERS HANDBOOK

You can't endure without it!

The all-new 1981 *ENDURO RIDER'S HANDBOOK* has all the answers, tips and information that you'll ever need to know about the enduro sport. Get it now at your local newsstand or better yet, order your copy by filling out the handy coupon below.

Make check or money order payable to:
ENDURO RIDER'S HANDBOOK
Box 317 • Encino • California • 91316

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

(Please enclose $2.50 plus 75 cents postage and handling for each copy ordered. Canada add $1.50 and all other foreign add $2.50 postage and handling for each copy ordered. All items will be shipped by surface mail. U.S. funds, please.) MX9-1

ALL NEW! IN FULL COLOR!

TAKES A LICKIN' AND KEEPS ON STICKIN'

ALL NEW! IN FULL COLOR!

We're not saying that you can't win, won't win or will never win if you don't have a *MOTOCROSS ACTION* or *DIRT BIKE* sticker on your bike, but we *are* implying that the odds of appearing in the magazine (even in an embarrassing crash) are greatly reduced. All we want you to do is carry the banner high, improve the looks of your toolbox, front fender, shoulder pads or notebook by applying an *MXA* or *DB* decal to it.

These high-quality decals require no licking; they stick like a cross-threaded spark plug and come in the brightest, neatest, niftiest colors you ever saw. If you want to see colors tomorrow, you should order today . . . but, mind you, that isn't a threat. Not a hollow one, anyway.

Buy one for only $1 plus 50 cents postage and handling (the cheap way) or buy the whole set for only $6.50 plus $1 postage and handling (buy a thousand sets and you might find yourself on the cover of next month's issue).

We guarantee that if these aren't the *greatest* stickers in the world, you'll never hear it from us.

ACTUAL STICKERS ARE LARGER THAN PICTURED

I know what's good for me. I'm sticking with you. Send me the number of stickers I have marked below:

QUANTITY	STICKER #	AMOUNT
9	all	$6.50

Price $1 per sticker plus 50 cents postage and handling for each sticker ordered

$6.50 plus $1 postage and handling

Postage and handling. California residents add 6% sales tax.

TOTAL

Make check or money order payable to: — **PLUS PRODUCTS**
(Dept. ST) • P.O. Box 1450 • Encino • California • 91316

NAME _____

ADDRESS _____

CITY STATE ZIP _____

California residents add 6% tax

MX9-1

FREE 100 PAGE WHOLESALE CATALOG

- **Toll-Free Ordering**
- **Fastest Service**
- **Money-back Guarantee**

Now you can save up to 50% on hundreds of the latest or hard-to-find famous name accessories. Save $$$ on:

HELMETS—Simpson/Electro/Bell Moto III—reg. $124.50—our pr. $98.83. **TIRES—Dunlop/Cheng Shin/Yokohama/Metzeler** MX/End 300x21 reg. $58.25—our pr. $43.35. · **BOOTS—Hi-Point/MXL/Scott** red/blue—reg. $215.00—our pr. $136.08 incl. liners. · **GOGGLES—Oakley/Carrera/Uvex/Scott** #89 Lexan, reg. $18.95—our pr. $14.31. **Plus** gloves/pants/jerseys/chains/plugs/Bel-Ray oils/De-handlers/OW-handlebars/FIM side panels/HP exhaust systems/shocks/grips, and more at similar savings.

Send for FREE copy today! To cover postage/handling, enclose $2.00 for 1st class mail (allow 7–10 days), OR $1.00 for 3rd class mail (allow 4–6 weeks). Canadian and foreign requests must include U.S. $4 for air mail—no exceptions. Clearly PRINT name and address. **1—714-556-RIDE**

PHANTOM RIDER 3001 Red Hill Ave. Bin , Costa Mesa, CA 92626

KK THE PERFORMANCE SPECIALISTS KK

BIG-BORE KITS
- Better response
- Broader powerband
- Excellent reliability
- YZ125 (all) to 175cc
- KDX125 ('80-'81) to 175cc
- KDX175 to 185cc
- KX, KDX400 or 420 to 450cc
- Maico 450 to 490cc
- CR250R to 325cc
- Odyssey 250 to 325cc
- ATC250R to 325cc
- Stroker kit to 350cc for CR, ATC, Odyssey 250

DEBORE KITS
Convert your YZ125H to a 100cc class winner.

RESLEEVE KITS
To your last oversize? Save the cost of a new cylinder . . . have a new liner installed in your old cylinder. Electrofusion cylinder? Have a reborable steel liner installed into your cylinder. Liners made to match any custom port job. KK liners are nearly twice as hard as original cast iron sleeves.

CUSTOM PRO STAGE PORTING
Dynometer tested custom porting available for most motorcycles plus the ATC250 and Odyssey. Prejetted larger carb kits to match big-bore kits. Custom chambers for Odyssey and Tri-Moto. All work guaranteed. 25% discount on porting when combined with rebuild or bore kits. Two-day to four-day turnaround time.

We've Got What You're Looking for, and We're Just A Phone Call Away — Call (312) 697-4343.

Kustom Kraft 886 Bluff City Blvd. • Elgin • Illinois • 60120 • (312) 697-4343

AMERICA CAN WIN . . .

at the Motocross and Trophee des Nations only with your help. Help send the American Team, made up of the best U.S. riders, to Europe for the prestigious World Olympics of Motocross. With a donation of $8.00 or more, you will receive a T-shirt. With a donation of $2.00, you'll receive a sticker. Send to **American Motocross Team** AMA, 3709 W. Erie Ave., Lorain, Ohio 44053. There's not much time, so do it now!

500 WORLD CHAMPIONSHIP
[continued from page 37]

While England's Graham Noyce chases, Hakan Carlqvist's Yamaha demonstrates the full use of suspension on the sandy, bumpy Finnish track at Vantaa. Noyce went on to second overall.

moto he tweaked his foot in a hole and didn't finish.

Andre Vromans came from 25th to 5th in

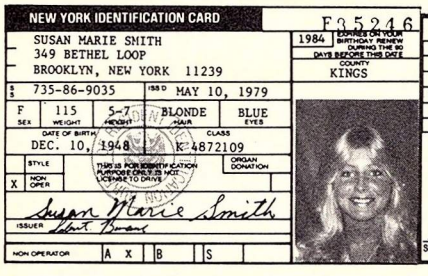
Identification Bureau™

929 UNIVERSITY AVE. BERKELEY, CA. 94710

GET THE BEST I.D. CARD

Now you can have your state I.D. almost overnight! No waiting three weeks to 9 months for delivery! Your I.D. card will be processed by the same method most states use for their driver's licenses. Your actual I.D. will be produced in full color and will be wallet-sized. Your I.D. card will have the official seal of The Identification Bureau.

STYLE A THIS STYLE NOT AVAILABLE IN COLORADO



STYLE H3 THIS STYLE NOT AVAILABLE IN KANSAS

IMPORTANT: FOR BEST RESULTS SEND US A PASSPORT OR YEARBOOK PHOTO. THE PHOTO SIZE SHOULD BE NO SMALLER THAN 1½"x1½" AND NO LARGER THAN 2½"x2½". THE CLEARER THE PHOTO THE BETTER YOUR IDENTIFICATION CARD WILL LOOK!!

Send one photo per I.D. Write the name on the back of the photo. Color pictures are preferred, but black and white pictures are okay.

WE RESERVE THE RIGHT TO REFUSE SERVICE TO ANYONE
WE RESPECT THE LAW OF ALL STATES AND OUR CARDS ARE ISSUED IN CONFORMANCE WITH CALIFORNIA LAW © 1980 IDENTIFICATION BUREAU™

TO ORDER YOUR FULL COLOR IDENTIFICATION CARD FILL OUT ORDER FORM BELOW.

CIRCLE DESIRED STYLE A, H3
THE FOLLOWING INFORMATION WILL APPEAR ON YOUR CARD. PLEASE PRINT CAREFULLY!

Name _____
Address _____
City _____ State _____ Zip _____
Sex _____ Height _____ Weight _____
Hair _____ Eyes _____ Date of Birth _____
Social Security Number _____

I CERTIFY THE ABOVE INFORMATION IS CORRECT

(Sign Inside Box. Do Not Touch Box With Signature.) [ ]

I.D. cards are $13.00 each and $10.00 for each additional I.D. ordered at the same time **Cash or money order only.** ORDERS PAID BY PERSONAL CHECK ARE MAILED 30 DAYS AFTER RECEIPT OF APPLICATION

Dear I.D. Bureau: Please send my I.D. within 12 hours of receiving this information. Enclosed is $ _____ for _____ I.D. cards.

SEND I.D. TO:

Name _____
Address _____
City _____ State _____ Zip _____

Please send _____ more order forms.

the first moto for one of the hardest rides of the day, but it was all for naught, for in the second moto, his rear brake rod pin came out just as he was about to battle for the lead with Noyce. He pulled off the track extremely dejected.

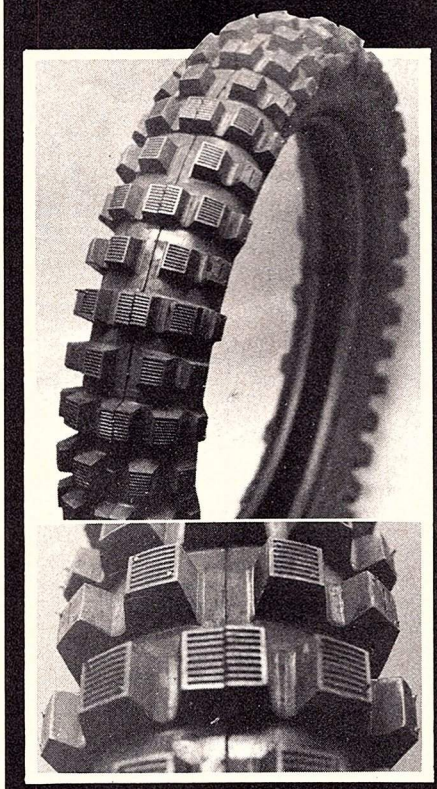
Wolsink's bad luck was still holding. In the first moto, while running in fifth, a small rock lodged between the front brake arm and broke the backing plate. Then, while trying to catch up again, he fell down and broke his front brake lever. In the second moto, Wolsink was looking for light at the end of the bad-luck tunnel and managed to keep his act together to finish a strong third. He was definitely riding better than what was indicated by his points total of the four GP events.

The KTM riders, Gerard Rond and Jaak Van Velthoven, both had consistent rides and finished well up in the standings in Sweden. Gerard's sixth and fourth were good for fifth overall for the day. His KTM is set up different than Jaak's, although both are monoshock works models.

Rond's father is responsible for each of Gerard's bike's setup; even so, the factory KTM of Van Velthoven's seems to look and work better.

After the race, during a press conference with the winners, there was a heated exchange between Yamaha's Hakan Carlqvist and one of the Swedish journalists. Hakan was upset with the organizers of his own country's event; they failed to notice

[*continued on page 71*]



CHENG SHIN • 755

THE BEST BUY IN MOTOCROSS TIRES...

THE ALL NEW CHENG SHIN PATTERN • 755

The newest & hottest tire on the market. The **755** is computer designed and made with a special, soft-rubber compound that proved to provide the optimum traction for greatest acceleration. The CHENG SHIN • 755 is distributed by SPORT TRACKS CO., and is available in these sizes: 410 x 14 • 300 x 16 • 530 x 17 • 350 x 18 • 410 x 18 • 460 x 18 • 530 x 18 • 300 x 21 • *ALL NEW 325 x 21.*

The Global Research Survey shows that more riders buy Cheng Shin than any other tire for off-road racing. Shouldn't you?

See your dealer or call:

SPORT TRACKS CO.

12775 Foothill Blvd., Sylmar, CA 91342 • 213/361-5955

NOTHING TOPS SUPER-M NOTHING!!!

For stickers, transfers and brochure send $1.00 to: Maxima Perf. Prod. 1401 Pioneer # 14M, El Cajon, CA 92020 (714) 442-9723

IN FULL COLOR!

ALL NEW
AROUND the WORLD FOREIGN STICKER KIT

IN FULL COLOR!

SUFFERING FROM SCHIZOID STICKER SYNDROME?

Are you feeling irritable at the sight of your rear window? Angry, frustrated and burned up because your buddy has a better sticker collection than yours?

Take the cure with the zoot-capri, full-size, full-color, globe-trotting, custom-busting, visa-getting, passport-stamping, full-race Foreign Sticker Kit. Twenty of the hottest stickers from Japan, England, Germany, France, Finland, Austria and any point North and South that you could ever find. And cheap . . . you bet! Imagine what it would cost to fly all over the world to collect these rare stickers.

If you suffer from Schizoid Sticker Syndrome order your Foreign Sticker Kit now. Use only as directed.

E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17 E18 E19 E20

I believe I can save money by buying directly from you rather than going on all those trips.

Enclosed is a check or money order for $ _____ Send me the stickers circled below:

E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17 E18 E19 E20

PLUS PRODUCTS • P.O. Box 1450 • Dept. (ST) • Encino • California • 91316

Stickers are 75 cents each plus 25 cents postage and handling each. Get all 20 stickers for only $7.50 plus $1.50 postage and handling.

NAME _____

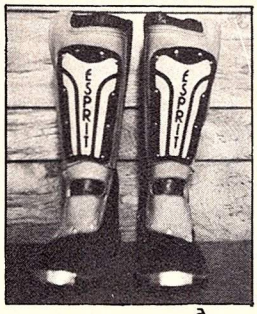
ADDRESS _____

CITY/STATE/ZIP _____

California residents please add 6% for state tax. MX9-1

SHOWCASE

ESPRIT PRO MX AND ENDURO BOOTS

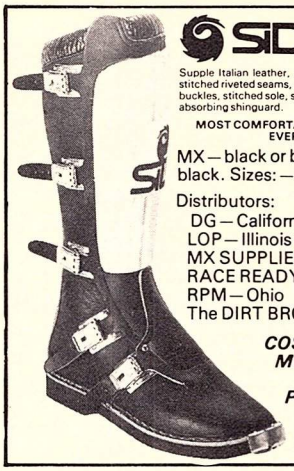


Made with the finest leather. Speed lace inner and three velcro outer closures —$137.95. COD or credit card customers same day shipping! Call or write: MOTOPRO CYCLE SUPPLY, 1558 Bristol Pike, Cornwells Hts., PA, 19020; phone: (215) 638-1727. $1 credit for phone call.

motopro
cycle supply
1558 Bristol Pike, Cornwells Heights, PA 19020
(215) 638-1727
$1 credit for phone call!

MOTOCROSS ACTION

Regular classified: Commercial Rate: For firms or individuals offering commercial products or services: $1.50 per word . . . minimum order $30.00.
Reader rate: For individuals with a personal item to buy or sell: $1.00 per word . . . minimum order $15.00.
Classified display: 1-1/8-inch x 1 column, $85.00; 2-3/8-inch x 1 column, $170.00. Maximum size 2-3/8 inches each. Ad rates are payable in advance. For additional size: information available on request. Advertiser to supply firm negatives, right reading, emulsion down.
All copy must be typewritten or clearly printed. Payment must accompany copy. First word in all classified ads set in CAPS. All copy subject to publisher's approval. Advertisers using Post Office box numbers in their address must supply publisher with permanent address and telephone number before ad is run.
Send order and remittance to SHOWCASE *MOTOCROSS ACTION Magazine*, 16200 Ventura Boulevard, Encino, California 91436; 213/981-2317.



SIDI HANDCRAFTED MX AND ENDURO BOOTS

Supple Italian leather, doubled wearpoints, triple-stitched riveted seams, leather liner, "quick" buckles, stitched sole, steel shank, unique energy absorbing shinguard.

MOST COMFORTABLE BOOTS YOU'LL EVER WEAR

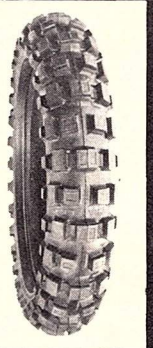
MX—black or blue, Enduro—black. Sizes: —6 to 13 . . $139.00

Distributors:
DG—California
LOP—Illinois
MX SUPPLIES—Washington
RACE READY—Texas
RPM—Ohio
The DIRT BROKER—Colorado

COSMOPOLITAN MOTORS, INC.
Hatboro, Pennsylvania 19040
[215] 672-9100

FLEX L.T.C. TERAFLEX L.T.C. TERAFLEX L.T.C. TERAFLEX L.T.C. TERA

TERAFLEX



Available at better dirt bike dealers. For more info contact Tom Lorden (216) 898-2711 Lorden Tire Co., P.O. Box 774, Alliance, Ohio 44601
Distributors East MOTORACE 1 (800) 628-4040
West, Dick Cepek, Inc. (213) 564-4541
Graham's Sheet Metal (213) 875-0694
Malcolm Smith Products (714) 686-1006

METZELER Tire Sale!

SAVE 20-25% MUD & SAND TIRES now in stock.
Specializing in METZELER TIRES

Sizes	Sugg. Retail	Sale Price
325-21	$67.44	$53.95
300-21	64.20	49.95
100/90-18	73.80	55.50
450-18	79.96	63.96
150/80-18	$91.43	$68.99

(Plus F.E.T.) Cal. res. add 6% sales tax.

(Prices subject to change)
Mon. thru Fri. 8-5 p.m.
UPS SHIPPED DAILY ANYWHERE IN THE U.S.A.
Approx. $4/order

NYLON CASING MOTOCROSS/ENDURO 2E

TIRE FACTORY
530 SAN RAMON VALLEY BLVD.
DANVILLE, CALIFORNIA 94526
415/838-0458

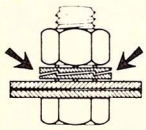
BUMPER STICKERS—Did you hug your Motorcycle Today?—or made to order. Send $2.00 to DANIEL & CO., 1612 Myrtle Avenue, Manasquan, New Jersey 08736.

NEW AND USED SUZUKI FORKS ALL SIZES. New KYB shocks, 14½-15¾ inches—$25/pair. Lon Hallock (608) 486-2683, Route #1, Rockland, Wisconsin 54653

WAREHOUSE SALE—MX CZ125. Only 50 bikes left. MX CZ125s only $675 each. ARIES INTERNATIONAL, 5100 West 127th St., Alsip, Illinois 60658; (312) 389-1318.

ATTENTION! ADVERTISERS:
Your classified ad can be here at a cost you *won't believe*. Call Bruce Benenati at (213) 981-2317 for details.

"DISC-LOCK WASHERS Keep Things Tight . . . Forever!" *"Dirt Bike* MAY '81"



You absolutely want to use them for any critical component that might come loose under heavy use. DISC-LOCKS defy vibration and ordinary loosening.
Complete motorcycle kit $12.95 plus 50 cents shipping.

DEALERS WELCOME!
DISC-LOCK CALIFORNIA
15775-2 Midwood Drive
Granada Hills, California 91334

When you think of
MotoKross
think of
KRAUSE RACING
Flow Bench Porting, Boyesen, Answer, Metzeler, Ohlin, Maico, M. Robert, Terrycable, Oury, Jofa, Hallman, O'Neal.
1981 Catalog—Send $3.50—We Ship Daily.
305 E. North Ave., Northlake, Illinois 60164 (312) 344-2233
"When you don't deal with Krause, we both lose!"

MX/ENDURO TIRES—Top-quality BARUM tires $15 each or two for $25. ARIES INTERNATIONAL, 5100 West 127th St., Alsip, Illinois 60658; 312/389-1318.

IN STOCK one of Midwest's largest MX suppliers! Don't ask us if we have it, tell us what you want! *Fox Forks, Shocks, Metzeler tires, Esprit and Scott boots,* So why wait? U.P.S. daily! TORQUE CENTER USA, 15618 W. National Ave., New Berlin, Wisconsin 53151, (414) 786-4420

MONO SHOCK SECRET REVEALED!—Why pay to have your shock tuned. Complete instructions, diagrams to take it apart yourself. YZ125 H&G. Send $5.95 T.B. PERFORMANCE, Rt. 1, Box 1559, Toppenish, Washington 98948: (509) 865-5578.

HONDA MR/CR/MT PARTS. Save 50% on pre-'78 OEM Honda parts. UPS daily. AMERICAN RVS INC. 1700 E. North Ave., Milwaukee, Wisconsin 53202; (414) 347-1700.

MIKUNI = SUNSTAR = MIKUNI, two-stroke/four-stroke specialists. CARBS, KITS, JETS, NEEDLES, etc. We have the best Mikuni inventory available to the public. Send $1 for catalog and stickers. Sunstar Moto Sport, 1513 Aviation Blvd., Suite A 184, Redondo Beach, California 90278.

COLLEGE STUDENTS! Improve your grades. Send $1.00 for your 356-page term paper catalog. 10,250 term papers on file. All academic subjects. RESEARCH ASSISTANCE, Box 25918 MA, Los Angeles, California 90025; (213) 477-8226.

JSP BOOTGUARDS

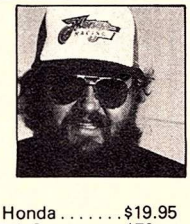
THESE TOUGH NYLON GUARDS WITH ELASTIC TOPS ARE THE ULTIMATE TRICK TO KEEP YOUR BOOTS MUD-, WATER- AND GRIME-FREE.

ALSO GUARDS BIKE AGAINST PLASTIC BOOT SCRATCHES.

Only $17.00/Pair
Post Paid
Available in yellow, red, green or blue.

JS PRODUCTS
7629 Knoll St. Golden Valley, Minnesota 55427

Mongo RACING



Full line of race-proven accessories and performance products at competitive prices!
STROKING YZ465 to YZ490.
KX420 to KX440.
Using standard bore creates quicker power, more midrange and top end—$175, complete.

FIBER REEDS:
Suzuki, Kawasaki, Yamaha, Honda $19.95
YAMAHA SHOCK REBUILDING $70,
dual-rate springs, includes machining
aluminum reservoirs . . . . . $105, complete
Mongo seat covers:
Stock . . . . . $17.95; two-tone, $18.95
Tank covers $17.95
SEND $1.00 for catalog and stickers. DEALERS WELCOME.
143 Panamint Ave., Ridgecrest, CA 93555
(714) 375-2574
Send check or money order, or call in VISA or MASTERCHARGE info.

FLOW BENCH PORTING

Scientific Cylinder Flowtesting

FLOW POWER PORTING

- No guesswork
- Guaranteed results

Call or write for more info today!
Dealer franchises available
East Coast National Center

KEYSTONE MOTOCROSS WORKS
JONES GOGGLES

MX WORKS
1426 21st Ave., Beaver Falls, PA 15010
(412) 846-8361

500 WORLD CHAMPIONSHIP
[*continued from page 69*]

his arm up before the start of the second moto. He felt that, at the very least, he should get attention at his home track if he had a problem.

It seems Carla's front brake lever was adjusted too tightly and he wanted to fix it. While they were lined up at the start, he held his hand up in an attempt to resolve the problem. The starter had not yet turned the race over to the clock, but, before doing so, he neglected to check the start line to see if everyone was ready. Carla was frantically waving his hand (a videotape later verified this) and the starter never looked. His hand was still waving when they dropped the gate, which, as it was, happened early.

Carla was hot! Afterwards, he was seen kicking tires in the pits and venting his anger at anyone who would listen. Anyone with any sense went the other way when they saw him coming.

The 500cc World Championship is shaping up into another cliffhanger as Andre Malherbe's Honda teammate from England, Graham Noyce, is taking a run at him and a shot at his second World Championship.

Andre is clearly the fastest rider at this time, but you have to cross the finish line to earn the necessary points. It could be very close! □

[*continued on page 72*]

STICKERS!

YOUR CHOICE **50¢**

0 1 2 3 4 5 6 7 8 9

MOTO-X FOX · FMF · FOX · Racing USA · SCOTT · BEL-RAY TOTAL PERFORMANCE LUBRICANTS · PJ1 LUBRICANTS · CHAMPION · OURY GRIP · TEAM MOTO-X FOX · DG

WARNING
IF YOU VALUE YOUR OWN LIFE AS MUCH AS I VALUE MY BIKE
DON'T MESS WITH IT!

Send .50¢ for each sticker you want or $10. for all 22.
FREE STICKER BROCHURE
Just send a envelope with your address on it and a stamp
Catalogs also available
BMX-$2.00 Motorcycle-$2.00 Auto & "General" $2.00
or all 3 for $5.00
Send your money and list of what you want to:
STICK-EM UP 1858 Catalina Ct. Dept. B Livermore, Ca 94550

YOU CAN JUDGE THIS BOOK BY ITS COVER!

DIRT WHEELS, VOLUME II, NO. 1

If you can't find it at your local newsstand, order now direct. The hottest-selling magazine covering the three-wheel and Odyssey market.

Supply is limited so order your copy now.

Make check or money order payable to: **DIRT WHEELS, VOL. II Box 317 • Encino • California • 91316**

(Please enclose $2.50 plus 75 cents postage and handling for each copy ordered. Canada add $1.50 and all other foreign add $2.50 postage and handling for each copy ordered. All items will be shipped by surface mail. US funds, please.)

NAME _____

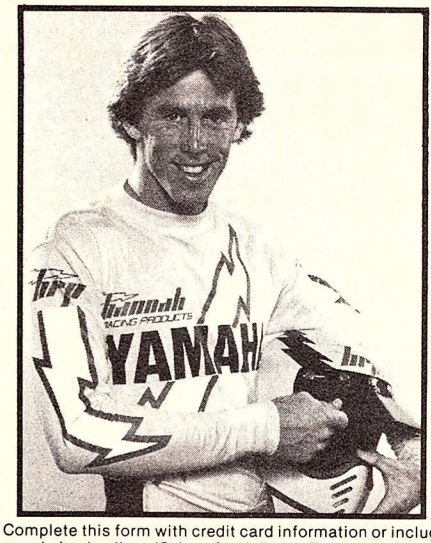
ADDRESS _____

CITY/STATE/ZIP _____ MX9-1

EXCLUSIVES FROM HRP

Yamaha jersey with Bob Hannah design. 100% cotton. S M L $18.50

Bell '81 Moto III with Yamaha team colors and Hannah's graphics. $135.00



Complete this form with credit card information or include cashiers check or money order. If you order with personal check, allow 45 days for delivery. Foreign orders must be prepaid, and include 10% additional shipping.

Name_____ Address_____

City_____ State_____ Zip_____

☐ COD ☐ CASH ☐ VISA ☐ MASTERCHARGE Card No._____ Exp Date_____

Name on Card_____ Signature_____

Team Helmet Quantity Size Amount

Team Jersey Quantity Size Amount Total

Hannah RACING PRODUCTS

P.O. Box 2109, Sun Valley, Idaho 83353 (208)726-4343

500 WORLD CHAMPIONSHIP

[continued from page 71]

FINLAND 500 GP RESULTS

1. Andre Malherbe (2-2) . . . . . Hon
2. Graham Noyce (3-4) . . . . . Hon
3. Tapani Pikkarainen (9-1) . . . . . Mai
4. Andre Vromans (1-D) . . . . . Yam
5. Conny Carlsson (4-9) . . . . . Hus
6. Jean-Jacques Bruno (D-3) . . . . . Suz
7. Arne Lindfors (5-D) . . . . . Yam
8. Jaak Van Velthoven (D-5) . . . . . KTM
9. Brad Lackey (6-11) . . . . . Suz
10. Gerard Rond (D-7) . . . . . KTM

SWEDEN 500 GP RESULTS

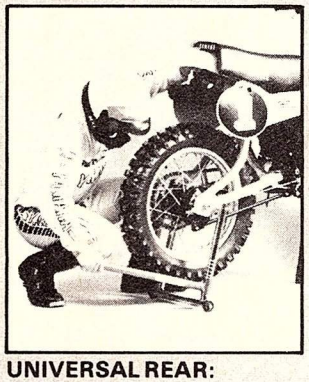
1. Graham Noyce (2-1) . . . . . Hon
2. Hakan Carlqvist (3-2) . . . . . Yam
3. Andre Malherbe (1-D) . . . . . Hon
4. Ivan Van den Broeck (4-5) . . . . . Mai
5. Gerard Rond (6-4) . . . . . KTM
6. Gerrit Wolsink (D-3) . . . . . Hon
7. Jaak Van Velthoven (8-6) . . . . . KTM
8. Andre Vromans (5-D) . . . . . Yam
9. Brad Lackey (7-18) . . . . . Suz
10. Lasse Karlsson (D-7) . . . . . KTM

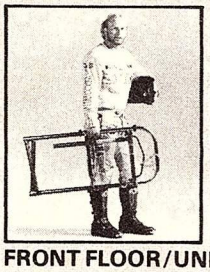
WORLD STANDINGS

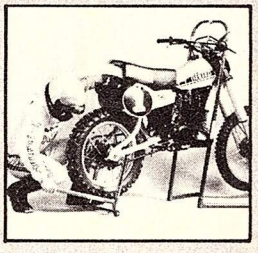
1. Andre Malherbe 89
2. Graham Noyce 63
3. Andre Vromans 52
4. Hakan Carlqvist 48
5. Jean-Jacques Bruno 44

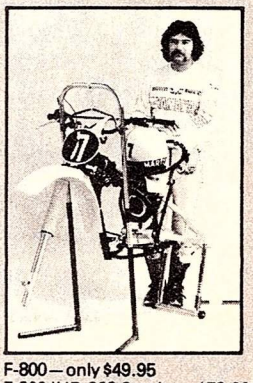
10. Brad Lackey 19

MarkCharles





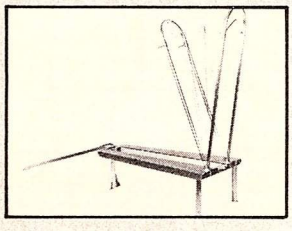


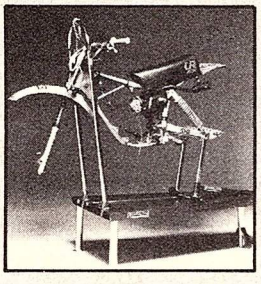


UNIVERSAL REAR:
UR-202—$32.95.
Rear stands work excellent on concrete floors to soft soil found in motocross pits. Designed to be used alone or with FRONT FLOOR and 4' PLATFORM stands.

FRONT FLOOR/UNIVERSAL REAR COMBO:
In seconds, you can unfold, adjust to any MX bike and roll (not lift) your bike into position.

F-800—only $49.95
F-800/UR-202 Combo—$78.00





4' PLATFORM/UNIVERSAL REAR COMBO:
PS-401—only $132.95;
PS-401/UR-202 Combo—$156.00.

Portable platform, 45 lbs., for track or shop. In seconds, you can unfold by simply pushing legs into the wobble-free sockets (no nuts or bolts), adjust to any MX bike, and roll (not lift) your bike into the best maintenance position. Keeps you and your trick parts clean!

SPECIAL NOTE:

Our stands are tough, long lasting, and they work great. They now sport a combination of beautifully chromed tubing and baked-on, super tough, expoxy finish for that "pro look."

You'll discover why winners like Marty Tripes use this system!

Name _____ Phone ( )

Address _____

City _____ State _____ Zip _____

Visa or Master Charge Card # _____ Exp. date _____

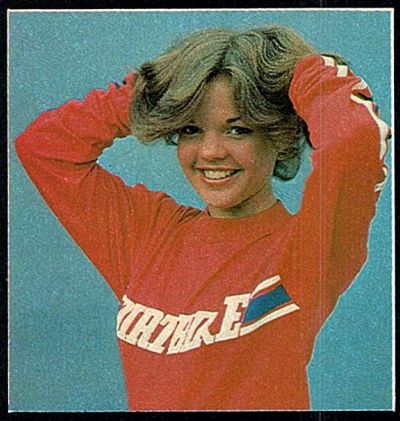
Signature _____ ☐COD 25% Deposit must accompany order ☐Personal Check allow 2 weeks to clear

MarkCharles P.O. Box 205 Sunland, CA 91040 (213) 353-8737

QTY	DESCRIPTION	PRICE EACH	PRICE
		TOTAL	
		ADD SHIPPING	
		Ca. Res. Add 6% Tax	
		TOTAL	

SHIPPING:
Rear UR Front Stands Add $5.50
Front/Rear Combo, Add $11.00
Platforms, add $19.00
Platform/Rear Combo, add $24.00

BE SEEN WITH THE BEST



JERSEYS—
When you absolutely positively have to look your best. Made of super strong, durable polished cotton. Available in blue, white, red, yellow. S, M, L, XL. Size based on men's sizes. Small should fit most girls $17.50

T-SHIRTS—
When you want more than just a T-shirt. Super Hanes Beefy T-shirt. Brilliant colors. Available in blue, white, tan, yellow. S, M, L, XL. Men's sizing. Small and medium should fit most girls 9.25

QTY.	ITEM	COLOR 1st/2nd choice	SIZE	AMOUNT
	Motocross Action racing jersey			*$17.50*
	Dirt Bike racing jersey			*$17.50*
	Motocross Action T-shirt			*$9.25*
	Dirt Bike T-shirt			*$9.25*
	Dirt Wheels T-shirt			*$9.25*
			TOTAL *	

MX9-1

* Each T-shirt add $1.50 postage and handling. Each jersey add $2.00 postage and handling. Make check or money order payable to: Plus Products, Inc. California residents add 6% tax. Allow 45 days on orders using personal checks.

SEND TO: **PLUS PRODUCTS INC.**, (DEPT. T&J) P.O. BOX 1450, ENCINO, CALIFORNIA 91316

Name _____

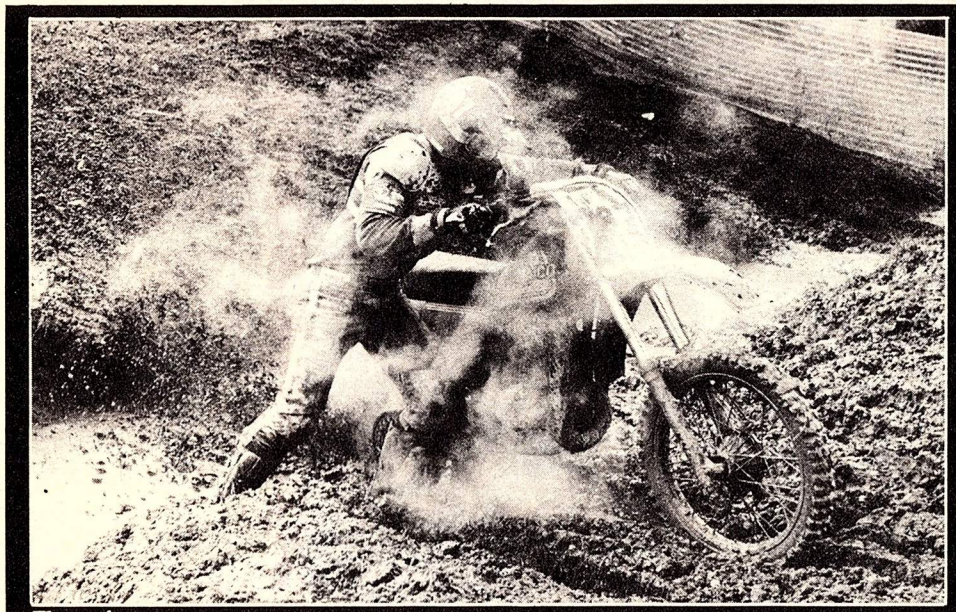
Address _____

City/State/Zip _____

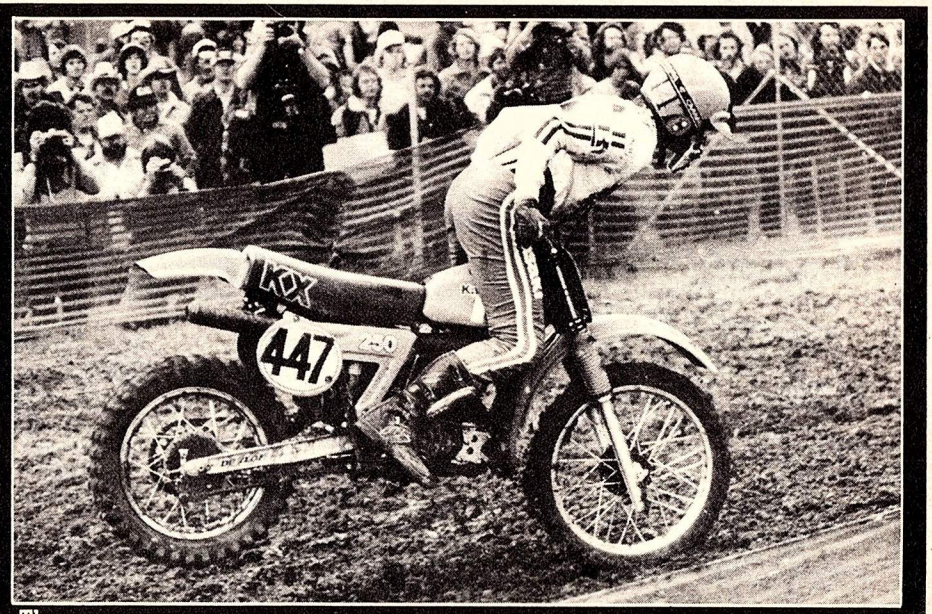
Charge to my account: ☐ Master Charge ☐ Visa Exp. date _____

Card # _____ Signature _____

Berm Shot

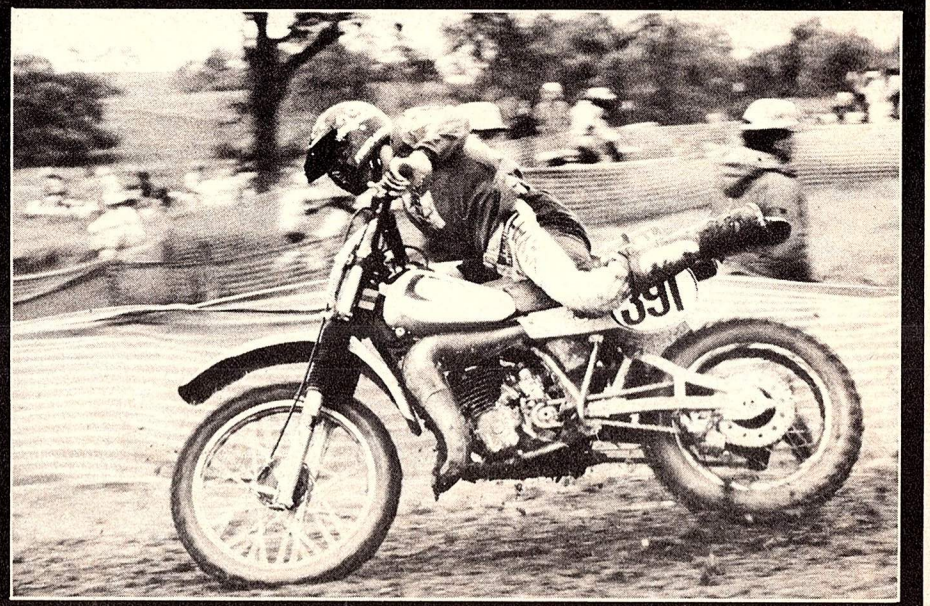


The safe way.



The wrong way.

The right way.

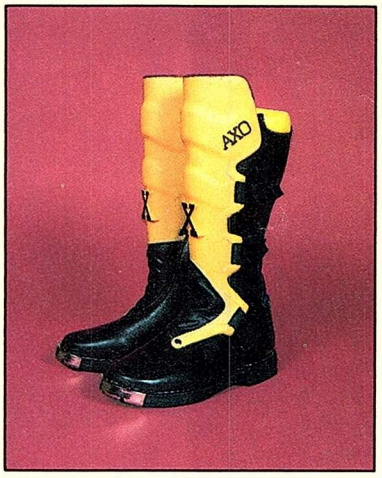


The hard way.

Four ways to "clear" a mud hole

Photos by Ketchup Cox.

Brad Lackey
Team Suzuki



Leather Boots Have Never Offered Such Protection Before Now.

Everyone would like to wear plastic boots for the protection they offer, but no one likes the discomfort and lack of foot control that goes with them. Leather boots are comfortable and offer a much better feel of the brake and shift levers, but they aren't as protective as they could be. Now, AXO of Italy introduces a new concept in motocross boot design combining the protection of plastic with the comfort of leather. It's a winning combination that's being worn by such Grand Prix stars as America's own Brad Lackey.

Check these reasons why: ☐ Highly-protective plastic boot fronts and metal toe guards. ☐ Leather where needed in other areas for comfort and the necessary feel of brake and shift pedals. ☐ Quick and easy Velcro closure system.

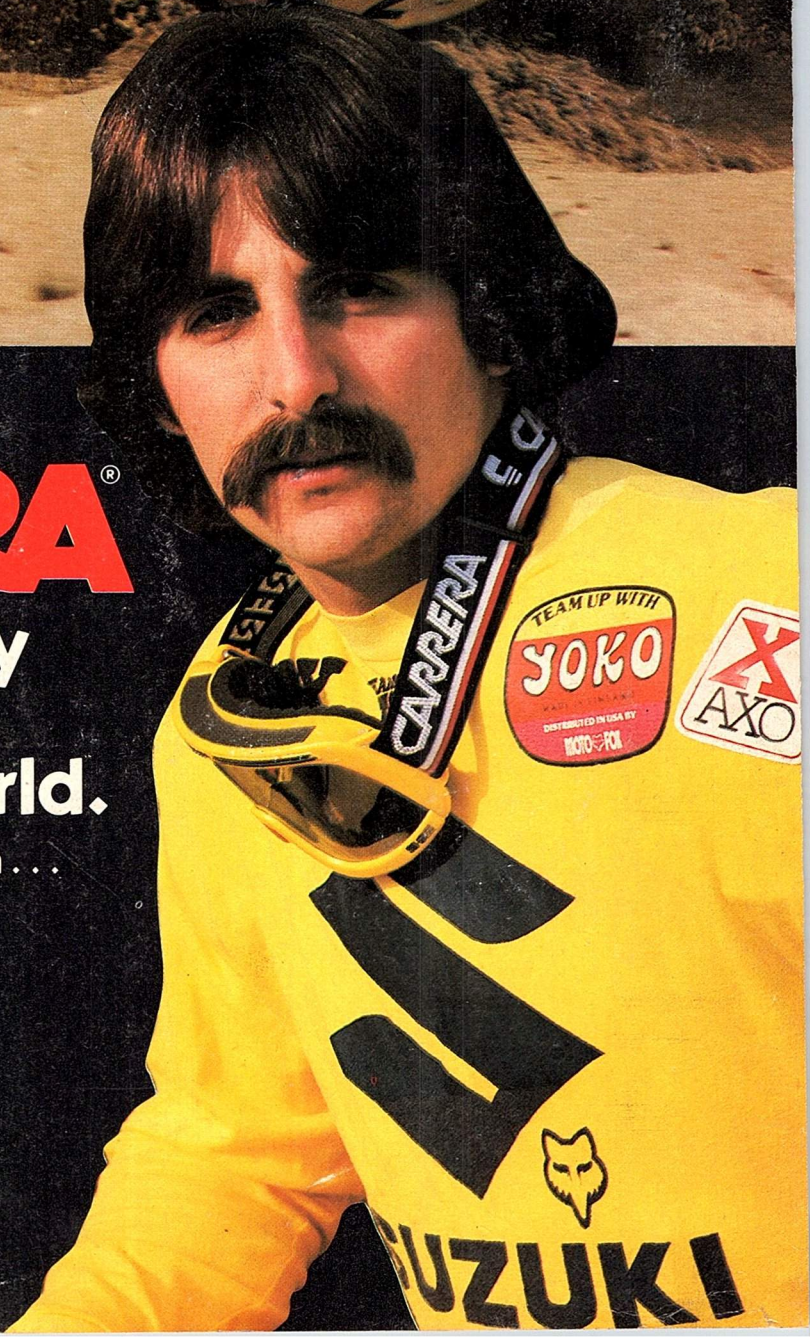
You can experience the comfort of leather and the protection of plastic by stepping into the new AXO boots at your local dealer, as well as direct from **MOTO-X FOX** or **O'NEAL DISTRIBUTING.** Available in sizes 6-13 and in two exciting color combinations: red/black and yellow/black. Priced $139 per pair. Manufactured by AXO, Treviso, Italy. Distributed in America exclusively by:

MOTO-X FOX, 520 McGlincy Lane, Campbell, CA 95008, Phone (408) 371-1221.
O'NEAL DISTRIBUTING, 9555 Owensmouth Ave., Chatsworth, CA 91311, Phone (213) 998-1049

CARRERA®

and Brad Lackey team up to take on the world.

Join the high performance team . . .
Carrera goggles with exclusive
HYPER-SOFT™ foam.



CARRERA®

CARRERA INTERNATIONAL CORPORATION
NORWOOD, NEW JERSEY 07648